

BALLUFF

Products and
Services

PRODUCTS FOR EFFICIENT AUTOMATION

 *innovating automation*



Connectivity, Accessories

5



		BCC M313 ...	
Connection		M8 female, A-coded	
Version		straight	
Rated voltage	No LED	60 V AC/DC	
	with LED	30 V DC	
Rated current		4 A	
Degree of protection	unshielded	IP67, IP69K	
	shielded	IP67	
unshielded, no LED		BCC M313-0000-10-001-____①-__②	
unshielded, 2 × PNP-LED		BCC M313-0000-10-004-____①-__②	
unshielded, 2 × NPN-LED		–	
shielded, no LED		BCC M313-0000-10-036-____①-__②	
Approval/Conformity		CE, UL, EAC	
For drawing see page		120	

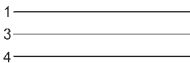
M8 female



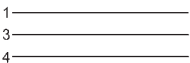
M8 male



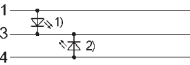
unshielded, no LED



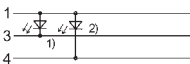
unshielded, no LED



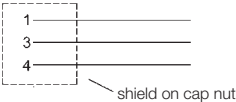
unshielded, 2 × PNP-LED*



unshielded, 2 × NPN-LED*



shielded, no LED



* 1) LED green = Power
2) LED yellow = Function



BCC M313 ...	BCC M323 ...	BCC M323 ...
M8 male, A-coded	M8 female, A-coded	M8 male, A-coded
straight	angled	angled
60 V AC/DC	60 V AC/DC	60 V AC/DC
–	30 V DC	–
4 A	4 A	4 A
IP67, IP69K	IP67, IP69K	IP67, IP69K
	IP67	
BCC M313-0000-20-001-____①-____②	BCC M323-0000-10-001-____①-____②	BCC M323-0000-20-001-____①-____②
–	BCC M323-0000-10-004-____①-____②	–
–	BCC M323-0000-10-006-____①-____②	–
–	BCC M323-0000-10-036-____①-____②	–
CE, UL, EAC	CE, UL, EAC	CE, UL, EAC
120	120	120

①	Material	Color	Number of conductors x conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
PX0334	PUR	Black	3 × 0.34 mm ²	–50...+90 °C	–25...+90 °C
VX8334	PVC	Gray	3 × 0.34 mm ²	–40...+105 °C	–5...+105 °C
EX43T2	TPE	Yellow	3 × AWG22	–50...+105 °C	–25...+105 °C
VX43T2	PVC	Yellow	3 × AWG22	–40...+105 °C	–5...+105 °C
SHIELDED					
PS0334	PUR	Black	3 × 0.34 mm ²	–50...+90 °C	–25...+90 °C
VS8334	PVC	Gray	3 × 0.34 mm ²	–40...+105 °C	–5...+105 °C

②	Cable length
CONNECTION CABLE	
020	2 m
050	5 m
100	10 m

Other cable lengths on request!

AVAILABLE AS BULK CABLE

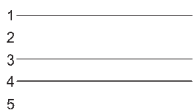
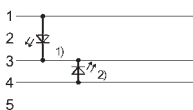
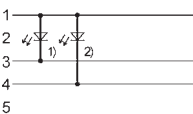
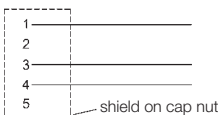
	Order code	Part number	Cable length
PX0334	BCC0AC7	BCC 0000-0000-00-000-PX0334-10X	100 m
VX8334	BCC0C15	BCC 0000-0000-00-000-VX8334-10X	100 m
EX43T2	BCC0AEC	BCC 0000-0000-00-001-EX43T2-10X	100 m
VX43T2	BCC0AE7	BCC 0000-0000-00-001-VX43T2-10X	100 m



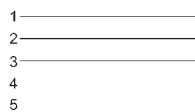
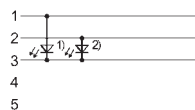
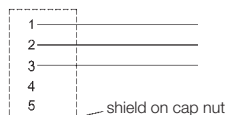
		BCC M415 ...	
Connection		M12 female, A-coded	
Version		straight	
Rated voltage	No LED	250 V AC/DC	
	with LED	30 V DC	
Rated current		4 A	
Degree of protection	unshielded	IP67, IP68, IP69K	
	shielded	IP67	
unshielded, no LED, N.O. signal		BCC M415-0000-1A-001-____①-____②	
unshielded, 2 × PNP-LED, N.O. signal		BCC M415-0000-1A-004-____①-____②	
unshielded, 2 × NPN-LED, N.O. signal		–	
shielded, no LED, N.O. signal		BCC M415-0000-1A-036-____①-____②	
unshielded, no LED, N.C. signal		BCC M415-0000-1A-002-____①-____②	
unshielded, 2 × PNP-LED, N.C. signal		BCC M415-0000-1A-005-____①-____②	
shielded, no LED, N.C. signal		BCC M415-0000-1A-037-____①-____②	
Approval/Conformity		CE, UL, EAC	
For drawing see page		120	

M12 female, N.O. signal

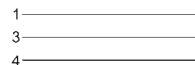
PIN 1: brown
PIN 3: blue
PIN 4: black

unshielded, no LED**unshielded, 2 × PNP-LED*****unshielded, 2 × NPN-LED*****shielded, no LED****M12 female, N.C. signal**

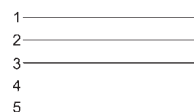
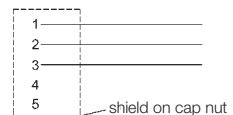
PIN 1: brown
PIN 2: black
PIN 3: blue

unshielded, no LED**unshielded, 2 × PNP-LED*****shielded, no LED****M12 male, N.O. signal**

PIN 1: brown
PIN 3: blue
PIN 4: black

unshielded, no LED**M12 male, N.C. signal**

PIN 1: brown
PIN 2: black
PIN 3: blue

unshielded, no LED**shielded, no LED**



BCC M413 ...	BCC M425 ...	BCC M413 ...
M12 male, A-coded	M12 female, A-coded	M12 male, A-coded
straight	angled	angled
250 V AC/DC	250 V AC/DC	250 V AC/DC
–	30 V DC	–
4 A	4 A	4 A
IP67, IP68, IP69K	IP67, IP68, IP69K	IP67, IP68, IP69K
IP67	IP67	IP67
BCC M413-0000-2A-001-_____①-__②	BCC M425-0000-1A-001-_____①-__②	BCC M423-0000-2A-001-_____①-__②
–	BCC M425-0000-1A-004-_____①-__②	–
–	BCC M425-0000-1A-006-_____①-__②	–
BCC M413-0000-2A-036-_____①-__②	BCC M425-0000-1A-036-_____①-__②	BCC M423-0000-2A-036-_____①-__②
BCC M413-0000-2A-002-_____①-__②	BCC M425-0000-1A-002-_____①-__②	–
–	BCC M425-0000-1A-005-_____①-__②	–
BCC M413-0000-2A-037-_____①-__②	BCC M425-0000-1A-037-_____①-__②	–
CE, UL, EAC	CE, UL, EAC	CE, UL, EAC
121	121	121

①	Material	Color	Number of conductors × conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
PX0334	PUR	Black	3 × 0.34 mm ²	–50...+90 °C	–25...+90 °C
VX8334	PVC	Gray	3 × 0.34 mm ²	–40...+105 °C	–5...+105 °C
EX43T2	TPE	Yellow	3 × AWG22	–50...+105 °C	–25...+105 °C
VX43T2	PVC	Yellow	3 × AWG22	–40...+105 °C	–5...+105 °C
SHIELDED					
PS0334	PUR	Black	3 × 0.34 mm ²	–50...+90 °C	–25...+90 °C
VS8334	PVC	Gray	3 × 0.34 mm ²	–40...+105 °C	–5...+105 °C

②	Cable length
CONNECTION CABLE	
020	2 m
050	5 m
100	10 m

Other cable lengths on request!

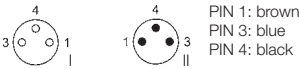
AVAILABLE AS BULK CABLE

	Order code	Part number	Cable length
PX0334	BCC0AC7	BCC 0000-0000-00-000-PX0334-10X	100 m
VX8334	BCC0C15	BCC 0000-0000-00-000-VX8334-10X	100 m
EX43T2	BCC0AEC	BCC 0000-0000-00-001-EX43T2-10X	100 m
VX43T2	BCC0AE7	BCC 0000-0000-00-001-VX43T2-10X	100 m

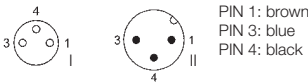


	BCC M313-M313 ...	
Connection	M8 female, A-coded/ M8 male, A-coded	
Version	straight/straight	
Rated voltage	60 V AC/DC	
Rated current	4 A	
Degree of protection	IP67, IP69K/IP67, IP69K	
unshielded, no LED	BCC M313-M313-30-300-____①-__②	
unshielded, no LED, N.O. signal	–	
Approval/Conformity	CE, UL, EAC	
For drawing see page	121	

M8 female/M8 male



M8 female/M12 male, N.O. signal



unshielded, no LED



unshielded, no LED





	BCC M313-M323 ...	BCC M313-M413 ...	BCC M313-M423 ...
	M8 female, A-coded/ M8 male, A-coded	M8 female, A-coded/ M12 male, A-coded	M8 female, A-coded/ M12 male, A-coded
	straight/angled	straight/straight	straight/angled
	60 V AC/DC	60 V AC/DC	60 V AC/DC
	4 A	4 A	4 A
	IP67, IP69K/IP67, IP69K	IP67, IP69K/IP67, IP68, IP69K	IP67, IP69K/IP67, IP68, IP69K
	BCC M313-M323-30-300-____①-____②	–	–
	–	BCC M313-M413-3E-300-____①-____②	BCC M313-M423-3E-300-____①-____②
	CE, UL, EAC	CE, UL, EAC	CE, UL, EAC
	121	122	122

①	Material	Color	Number of conductors x conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
PX0334	PUR	Black	3 x 0.34 mm ²	–50...+90 °C	–25...+90 °C
VX8334	PVC	Gray	3 x 0.34 mm ²	–40...+105 °C	–5...+105 °C
EX43T2	TPE	Yellow	3 x AWG22	–50...+105 °C	–25...+105 °C
VX43T2	PVC	Yellow	3 x AWG22	–40...+105 °C	–5...+105 °C

②	Cable length
CABLE	
003	0.3 m
006	0.6 m
010	1 m
015	1.5 m
020	2 m
050	5 m

Other cable lengths on request!

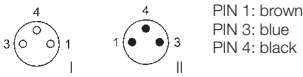
AVAILABLE AS BULK CABLE

	Order code	Part number	Cable length
PX0334	BCC0AC7	BCC 0000-0000-00-000-PX0334-10X	100 m
VX8334	BCC0C15	BCC 0000-0000-00-000-VX8334-10X	100 m
EX43T2	BCC0AEC	BCC 0000-0000-00-001-EX43T2-10X	100 m
VX43T2	BCC0AE7	BCC 0000-0000-00-001-VX43T2-10X	100 m



		BCC M323-M313 ...	
Connection		M8 female, A-coded/ M8 male, A-coded	
Version		angled/straight	
Rated voltage	No LED	60 V AC/DC	
	with LED	30 V DC	
Rated current		4 A	
Degree of protection		IP67, IP69K/IP67, IP69K	
unshielded, no LED		BCC M323-M313-30-300-_____①-__②	
unshielded, 2 × PNP-LED		BCC M323-M313-30-602-_____①-__②	
unshielded, no LED, N.O. signal		–	
unshielded, PNP-LED, N.O. signal		–	
Approval/Conformity		CE, UL, EAC	
For drawing see page		122	

M8 female/M8 male



unshielded, no LED



unshielded, 2 × PNP-LED*

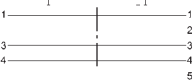


* 1) LED green = Power
2) LED yellow = Function

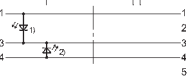
M8 female/M12 male, N.O. signal



unshielded, no LED



unshielded, 2 × PNP-LED*





	BCC M323-M323 ...	BCC M323-M413 ...	BCC M323-M423 ...
	M8 female, A-coded/ M8 male, A-coded	M8 female, A-coded/ M12 male, A-coded	M8 female, A-coded/ M12 male, A-coded
	angled/angled	angled/straight	angled/angled
	60 V AC/DC	60 V AC/DC	60 V AC/DC
	–	30 V DC	–
	4 A	4 A	4 A
	IP67, IP69K/IP67, IP69K	IP67, IP69K/IP67, IP68, IP69K	IP67, IP69K/IP67, IP68, IP69K
	BCC M323-M323-30-300-____①-____②	–	–
	–	–	–
	–	BCC M323-M413-3E-300-____①-____②	BCC M323-M423-3E-300-____①-____②
	–	BCC M323-M413-3E-602-____①-____②	–
	CE, UL, EAC	CE, UL, EAC	CE, UL, EAC
	122	122	122

①	Material	Color	Number of conductors x conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
PX0334	PUR	Black	3 × 0.34 mm ²	–50...+90 °C	–25...+90 °C
VX8334	PVC	Gray	3 × 0.34 mm ²	–40...+105 °C	–5...+105 °C
EX43T2	TPE	Yellow	3 × AWG22	–50...+105 °C	–25...+105 °C
VX43T2	PVC	Yellow	3 × AWG22	–40...+105 °C	–5...+105 °C

②	Cable length
CABLE	
003	0.3 m
006	0.6 m
010	1 m
015	1.5 m
020	2 m
050	5 m

Other cable lengths on request!

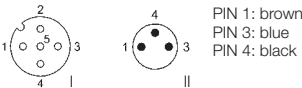
AVAILABLE AS BULK CABLE

	Order code	Part number	Cable length
PX0334	BCC0AC7	BCC 0000-0000-00-000-PX0334-10X	100 m
VX8334	BCC0C15	BCC 0000-0000-00-000-VX8334-10X	100 m
EX43T2	BCC0AEC	BCC 0000-0000-00-001-EX43T2-10X	100 m
VX43T2	BCC0AE7	BCC 0000-0000-00-001-VX43T2-10X	100 m



	BCC M415-M313 ...	
Connection	M12 female, A-coded/ M8 male, A-coded	
Version	straight/straight	
Rated voltage	60 V AC/DC	
Rated current	4 A	
Degree of protection	IP67, IP68, IP69K/IP67, IP69K	
unshielded, no LED, N.O. signal	BCC M415-M313-3F-300-____-①-__-②	
Approval/Conformity	CE, UL, EAC	
For drawing see page	122	

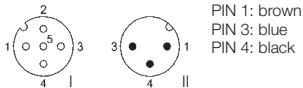
**M12 female/M8 male,
N.O. signal**



unshielded, no LED



**M12 female/M12 male,
N.O. signal**



unshielded, no LED





	BCC M415-M323 ...	BCC M415-M413 ...	BCC M415-M423 ...
	M12 female, A-coded/ M8 male, A-coded	M12 female, A-coded/ M12 male, A-coded	M12 female, A-coded/ M12 male, A-coded
	straight/angled	straight/straight	straight/angled
	60 V AC/DC	250 V AC/DC	250 V AC/DC
	4 A	4 A	4 A
	IP67, IP68, IP69K/IP67, IP69K	IP67, IP68, IP69K/IP67, IP68, IP69K	IP67, IP68, IP69K/IP67, IP68, IP69K
	BCC M415-M323-3F-300-____①-__②	BCC M415-M413-3A-300-____①-__②	BCC M415-M423-3A-300-____①-__②
	CE, UL, EAC	CE, UL, EAC	CE, UL, EAC
	122	123	123

①	Material	Color	Number of conductors × conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
PX0334	PUR	Black	3 × 0.34 mm ²	-50...+90 °C	-25...+90 °C
VX8334	PVC	Gray	3 × 0.34 mm ²	-40...+105 °C	-5...+105 °C
EX43T2	TPE	Yellow	3 × AWG22	-50...+105 °C	-25...+105 °C
VX43T2	PVC	Yellow	3 × AWG22	-40...+105 °C	-5...+105 °C

②	Cable length
CABLE	
003	0.3 m
006	0.6 m
010	1 m
015	1.5 m
020	2 m
050	5 m

Other cable lengths on request!

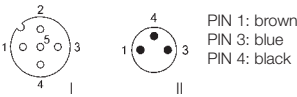
AVAILABLE AS BULK CABLE

	Order code	Part number	Cable length
PX0334	BCC0AC7	BCC 0000-0000-00-000-PX0334-10X	100 m
VX8334	BCC0C15	BCC 0000-0000-00-000-VX8334-10X	100 m
EX43T2	BCC0AEC	BCC 0000-0000-00-001-EX43T2-10X	100 m
VX43T2	BCC0AE7	BCC 0000-0000-00-001-VX43T2-10X	100 m

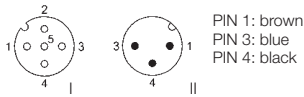


		BCC M425-M313 ...	
Connection		M12 female, A-coded/ M8 male, A-coded	
Version		angled/straight	
Rated voltage	No LED	60 V AC/DC	
	with LED	30 V DC	
Rated current		4 A	
Degree of protection		IP67, IP68, IP69K/IP67, IP69K	
unshielded, no LED, N.O. signal		BCC M425-M313-3F-300-____①-____②	
unshielded, 2 × PNP-LED, N.O. signal		BCC M425-M313-3F-602-____①-____②	
Approval/Conformity		CE, UL, EAC	
For drawing see page		123	

**M12 female/M8 male,
N.O. signal**



**M12 female/M12 male,
N.O. signal**



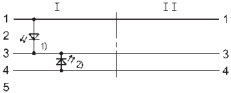
unshielded, no LED



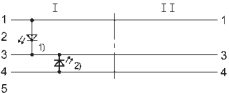
unshielded, no LED



unshielded, 2 × PNP-LED*



unshielded, 2 × PNP-LED*



* ¹⁾ LED green = Power
²⁾ LED yellow = Function



	BCC M425-M323 ...	BCC M425-M413 ...	BCC M425-M423 ...
	M12 female, A-coded/ M8 male, A-coded	M12 female, A-coded/ M12 male, A-coded	M12 female, A-coded/ M12 male, A-coded
	angled/angled	angled/straight	angled/angled
	60 V AC/DC	250 V AC/DC	250 V AC/DC
	30 V DC	30 V DC	–
	4 A	4 A	4 A
	IP67, IP68, IP69K/IP67, IP69K	IP67, IP68, IP69K/IP67, IP68, IP69K	IP67, IP68, IP69K/IP67, IP68, IP69K
	BCC M425-M323-3F-300-____①-__②	BCC M425-M413-3A-300-____①-__②	BCC M425-M423-3A-300-____①-__②
	BCC M425-M323-3F-602-____①-__②	BCC M425-M413-3A-602-____①-__②	–
	CE, UL, EAC	CE, UL, EAC	CE, UL, EAC
	123	123	123

①	Material	Color	Number of conductors × conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
PX0334	PUR	Black	3 × 0.34 mm ²	–50...+90 °C	–25...+90 °C
VX8334	PVC	Gray	3 × 0.34 mm ²	–40...+105 °C	–5...+105 °C
EX43T2	TPE	Yellow	3 × AWG22	–50...+105 °C	–25...+105 °C
VX43T2	PVC	Yellow	3 × AWG22	–40...+105 °C	–5...+105 °C

②	Cable length
CABLE	
003	0.3 m
006	0.6 m
010	1 m
015	1.5 m
020	2 m
050	5 m

Other cable lengths on request!

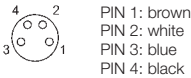
AVAILABLE AS BULK CABLE

	Order code	Part number	Cable length
PX0334	BCC0AC7	BCC 0000-0000-00-000-PX0334-10X	100 m
VX8334	BCC0C15	BCC 0000-0000-00-000-VX8334-10X	100 m
EX43T2	BCC0AEC	BCC 0000-0000-00-001-EX43T2-10X	100 m
VX43T2	BCC0AE7	BCC 0000-0000-00-001-VX43T2-10X	100 m

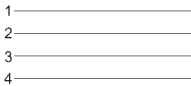


		BCC M314 ...	
Connection		M8 female, A-coded	
Version		straight	
Rated voltage	No LED	60 V AC/DC	
	with LED	–	
Rated current		4 A	
Degree of protection	unshielded	IP67, IP69K	
	shielded	IP67	
unshielded, no LED		BCC M314-0000-10-003-____①-____②	
unshielded, 2 × PNP-LED		–	
shielded, no LED		BCC M314-0000-10-014-____①-____②	
Approval/Conformity		CE, UL, EAC	
For drawing see page		123	

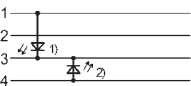
M8 female



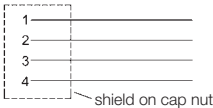
unshielded, no LED



unshielded, 2 × PNP-LED*



shielded, no LED

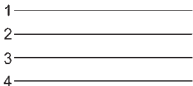


* ¹⁾ LED green = Power
²⁾ LED yellow = Function

M8 male



unshielded, no LED





	BCC M314 ...	BCC M324 ...	BCC M324 ...
	M8 male, A-coded	M8 female, A-coded	M8 male, A-coded
	straight	angled	angled
	60 V AC/DC	60 V AC/DC	60 V AC/DC
	–	30 V DC	–
	4 A	4 A	4 A
	IP67, IP69K	IP67, IP69K	IP67, IP69K
	–	IP67	–
	BCC M314-0000-20-003-_____①-___②	BCC M324-0000-10-003-_____①-___②	BCC M324-0000-20-003-_____①-___②
	–	BCC M324-0000-10-008-_____①-___②	–
	–	BCC M324-0000-10-014-_____①-___②	–
	CE, UL, EAC	CE, UL, EAC	CE, UL, EAC
	124	124	124

①	Material	Color	Number of conductors × conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
PX0434	PUR	Black	4 × 0.34 mm ²	–50...+90 °C	–25...+90 °C
VX8434	PVC	Gray	4 × 0.34 mm ²	–40...+105 °C	–5...+105 °C
EX44T2	TPE	Yellow	4 × AWG22	–50...+105 °C	–25...+105 °C
VX44T2	PVC	Yellow	4 × AWG22	–40...+105 °C	–5...+105 °C
SHIELDED					
PS0434	PUR	Black	4 × 0.34 mm ²	–50...+90 °C	–25...+90 °C
VS8434	PVC	Gray	4 × 0.34 mm ²	–40...+105 °C	–5...+105 °C

②	Cable length
CONNECTION CABLE	
020	2 m
050	5 m
100	10 m

Other cable lengths on request!

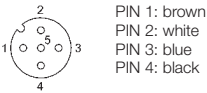
AVAILABLE AS BULK CABLE

	Order code	Part number	Cable length
PX0434	BCC0AC8	BCC 0000-0000-00-000-PX0434-10X	100 m
VX8434	BCC0C14	BCC 0000-0000-00-000-VX8434-10X	100 m
EX44T2	BCC0AEE	BCC 0000-0000-00-003-EX44T2-10X	100 m
VX44T2	BCC0AE8	BCC 0000-0000-00-003-VX44T2-10X	100 m



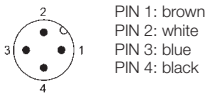
		BCC M415 ...	
Connection		M12 female, A-coded	
Version		straight	
Rated voltage	No LED	250 V AC/DC	
	with LED	30 V DC	
Rated current		4 A	
Degree of protection	unshielded	IP67, IP68, IP69K	
	shielded	IP67	
unshielded, no LED		BCC M415-0000-1A-003-____①-__②	
unshielded, 2 × PNP-LED		BCC M415-0000-1A-008-____①-__②	
unshielded, 3 × PNP-LED		BCC M415-0000-1A-010-____①-__②	
shielded, no LED		BCC M415-0000-1A-014-____①-__②	
Approval/Conformity		CE, UL, EAC	
For drawing see page		124	

M12 female



PIN 1: brown
PIN 2: white
PIN 3: blue
PIN 4: black

M12 male

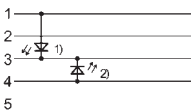


PIN 1: brown
PIN 2: white
PIN 3: blue
PIN 4: black

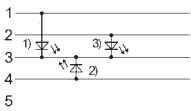
unshielded, no LED



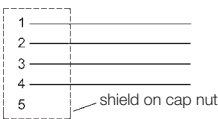
unshielded, 2 × PNP-LED*



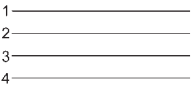
unshielded, 3 × PNP-LED*



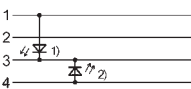
shielded, no LED



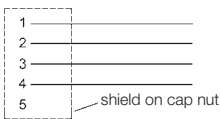
unshielded, no LED



unshielded, 2 × PNP-LED*



shielded, no LED



* 1) LED green = Power
2) LED yellow = Function
3) LED white = Function



	BCC M414 ...	BCC M425 ...	BCC M424 ...
	M12 male, A-coded	M12 female, A-coded	M12 female, A-coded
	straight	angled	angled
	250 V AC/DC	250 V AC/DC	250 V AC/DC
	–	30 V DC	30 V DC
	4 A	4 A	4 A
	IP67, IP68, IP69K	IP67, IP68, IP69K	IP67, IP68, IP69K
	IP67	IP67	IP67
	BCC M414-0000-2A-003-____①-__②	BCC M425-0000-1A-003-____①-__②	BCC M424-0000-2A-003-____①-__②
	–	BCC M425-0000-1A-008-____①-__②	BCC M424-0000-2A-008-____①-__②
	–	BCC M425-0000-1A-010-____①-__②	–
	BCC M414-0000-2A-014-____①-__②	BCC M425-0000-1A-014-____①-__②	BCC M424-0000-2A-014-____①-__②
	CE, UL, EAC	CE, UL, EAC	CE, UL, EAC
	124	125	125

①	Material	Color	Number of conductors x conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
PX0434	PUR	Black	4 × 0.34 mm ²	–50...+90 °C	–25...+90 °C
VX8434	PVC	Gray	4 × 0.34 mm ²	–40...+105 °C	–5...+105 °C
EX44T2	TPE	Yellow	4 × AWG22	–50...+105 °C	–25...+105 °C
VX44T2	PVC	Yellow	4 × AWG22	–40...+105 °C	–5...+105 °C
SHIELDED					
PS0434	PUR	Black	4 × 0.34 mm ²	–50...+90 °C	–25...+90 °C
VS8434	PVC	Gray	4 × 0.34 mm ²	–40...+105 °C	–5...+105 °C

②	Cable length
CONNECTION CABLE	
020	2 m
050	5 m
100	10 m

Other cable lengths on request!

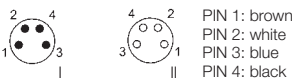
AVAILABLE AS BULK CABLE

	Order code	Part number	Cable length
PX0434	BCC0AC8	BCC 0000-0000-00-000-PX0434-10X	100 m
VX8434	BCC0C14	BCC 0000-0000-00-000-VX8434-10X	100 m
EX44T2	BCC0AEE	BCC 0000-0000-00-003-EX44T2-10X	100 m
VX44T2	BCC0AE8	BCC 0000-0000-00-003-VX44T2-10X	100 m



	BCC M314-M314 ...	
Connection	M8 female, A-coded/ M8 male, A-coded	
Version	straight/straight	
Rated voltage	60 V AC/DC	
Rated current	4 A	
Degree of protection	IP67, IP69K/IP67, IP69K	
unshielded, no LED	BCC M314-M314-30-304-____-①-__-②	
Approval/Conformity	CE, UL, EAC	
For drawing see page	125	

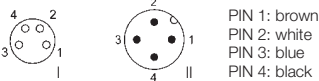
M8 female/M8 male



unshielded, no LED



M8 female/M12 male



unshielded, no LED





	BCC M314-M324 ...	BCC M314-M414 ...	BCC M314-M424 ...
	M8 female, A-coded/ M8 male, A-coded	M8 female, A-coded/ M12 male, A-coded	M8 female, A-coded/ M12 male, A-coded
	straight/angled	straight/straight	straight/angled
	60 V AC/DC	60 V AC/DC	60 V AC/DC
	4 A	4 A	4 A
	IP67, IP69K/IP67, IP69K	IP67, IP69K/IP67, IP68, IP69K	IP67, IP69K/IP67, IP68, IP69K
	BCC M314-M324-30-304-______①-__②	BCC M314-M414-3E-304-______①-__②	BCC M314-M424-3E-304-______①-__②
	CE, UL, EAC	CE, UL, EAC	CE, UL, EAC
	125	125	125

①	Material	Color	Number of conductors x conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
PX0434	PUR	Black	4 × 0.34 mm ²	−50...+90 °C	−25...+90 °C
VX8434	PVC	Gray	4 × 0.34 mm ²	−40...+105 °C	−5...+105 °C
EX44T2	TPE	Yellow	4 × AWG22	−50...+105 °C	−25...+105 °C
VX44T2	PVC	Yellow	4 × AWG22	−40...+105 °C	−5...+105 °C

②	Cable length
CABLE	
003	0.3 m
006	0.6 m
010	1 m
015	1.5 m
020	2 m
050	5 m

Other cable lengths on request!

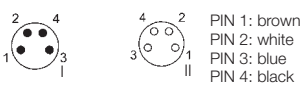
AVAILABLE AS BULK CABLE

	Order code	Part number	Cable length
PX0434	BCC0AC8	BCC 0000-0000-00-000-PX0434-10X	100 m
VX8434	BCC0C14	BCC 0000-0000-00-000-VX8434-10X	100 m
EX44T2	BCC0AEE	BCC 0000-0000-00-003-EX44T2-10X	100 m
VX44T2	BCC0AE8	BCC 0000-0000-00-003-VX44T2-10X	100 m



	BCC M324-M314 ...	
Connection	M8 female, A-coded/ M8 male, A-coded	
Version	angled/straight	
Rated voltage	60 V AC/DC	
Rated current	4 A	
Degree of protection	IP67, IP69K/IP67, IP69K	
unshielded, no LED	BCC M324-M314-30-304-_____-①-___②	
Approval/Conformity	CE, UL, EAC	
For drawing see page	126	

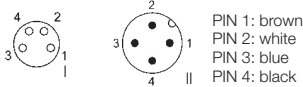
M8 female/M8 male



unshielded, no LED



M8 female/M12 male



unshielded, no LED





	BCC M324-M324 ...	BCC M324-M414 ...	BCC M324-M424 ...
	M8 female, A-coded/ M8 male, A-coded	M8 female, A-coded/ M12 male, A-coded	M8 female, A-coded/ M12 male, A-coded
	angled/angled	angled/straight	angled/angled
	60 V AC/DC	60 V AC/DC	60 V AC/DC
	4 A	4 A	4 A
	IP67, IP69K/IP67, IP69K	IP67, IP69K/IP67, IP68, IP69K	IP67, IP69K/IP67, IP68, IP69K
	BCC M324-M324-30-304-______①-__②	BCC M324-M414-3E-304-______①-__②	BCC M324-M424-3E-304-______①-__②
	CE, UL, EAC	CE, UL, EAC	CE, UL, EAC
	126	126	126

①	Material	Color	Number of conductors × conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
PX0434	PUR	Black	4 × 0.34 mm ²	−50...+90 °C	−25...+90 °C
VX8434	PVC	Gray	4 × 0.34 mm ²	−40...+105 °C	−5...+105 °C
EX44T2	TPE	Yellow	4 × AWG22	−50...+105 °C	−25...+105 °C
VX44T2	PVC	Yellow	4 × AWG22	−40...+105 °C	−5...+105 °C

②	Cable length
CABLE	
003	0.3 m
006	0.6 m
010	1 m
015	1.5 m
020	2 m
050	5 m

Other cable lengths on request!

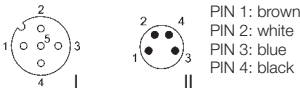
AVAILABLE AS BULK CABLE

	Order code	Part number	Cable length
PX0434	BCC0AC8	BCC 0000-0000-00-000-PX0434-10X	100 m
VX8434	BCC0C14	BCC 0000-0000-00-000-VX8434-10X	100 m
EX44T2	BCC0AEE	BCC 0000-0000-00-003-EX44T2-10X	100 m
VX44T2	BCC0AE8	BCC 0000-0000-00-003-VX44T2-10X	100 m

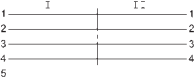


		BCC M415-M314 ...	
Connection		M12 female, A-coded/ M8 male, A-coded	
Version		straight/straight	
Rated voltage	No LED	60 V AC/DC	
	with LED	–	
Rated current		4 A	
Degree of protection	unshielded	IP67, IP68, IP69K/IP67, IP69K	
	shielded	–	
unshielded, no LED		BCC M415-M314-3F-304-____①-__②	
unshielded, 2 × PNP-LED		–	
shielded, no LED		–	
Approval/Conformity		CE, UL, EAC	
For drawing see page		126	

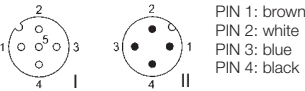
M12 female/M8 male



unshielded, no LED



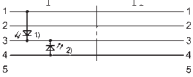
M12 female/M12 male



unshielded, no LED

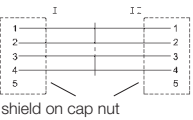


unshielded, 2 × PNP-LED*



* 1) LED green = Power
2) LED yellow = Function

shielded, no LED





	BCC M415-M324 ...	BCC M415-M414 ...	BCC M415-M424 ...
	M12 female, A-coded/ M8 male, A-coded	M12 female, A-coded/ M12 male, A-coded	M12 female, A-coded/ M12 male, A-coded
	straight/angled	straight/straight	straight/angled
	60 V AC/DC	250 V AC/DC	250 V AC/DC
	–	30 V DC	–
	4 A	4 A	4 A
	IP67, IP68, IP69K/IP67, IP69K	IP67, IP68, IP69K/IP67, IP68, IP69K	IP67, IP68, IP69K/IP67, IP68, IP69K
	–	IP67/IP67	–
	BCC M415-M324-3F-304-____①-__②	BCC M415-M414-3A-304-____①-__②	BCC M415-M424-3A-304-____①-__②
	–	BCC M415-M414-3A-606-____①-__②	–
	–	BCC M415-M414-3A-305-PS0434①-__②	–
	CE, UL, EAC	CE, UL, EAC	CE, UL, EAC
	126	126	9

①	Material	Color	Number of conductors x conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
PX0434	PUR	Black	4 × 0.34 mm ²	–50...+90 °C	–25...+90 °C
VX8434	PVC	Gray	4 × 0.34 mm ²	–40...+105 °C	–5...+105 °C
EX44T2	TPE	Yellow	4 × AWG22	–50...+105 °C	–25...+105 °C
VX44T2	PVC	Yellow	4 × AWG22	–40...+105 °C	–5...+105 °C
SHIELDED					
PS0434	PUR	Black	4 × 0.34 mm ²	–50...+90 °C	–25...+90 °C

②	Cable length
CABLE	
003	0.3 m
006	0.6 m
010	1 m
015	1.5 m
020	2 m
050	5 m

Other cable lengths on request!

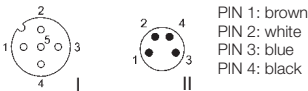
AVAILABLE AS BULK CABLE

	Order code	Part number	Cable length
PX0434	BCC0AC8	BCC 0000-0000-00-000-PX0434-10X	100 m
VX8434	BCC0C14	BCC 0000-0000-00-000-VX8434-10X	100 m
EX44T2	BCC0AEE	BCC 0000-0000-00-003-EX44T2-10X	100 m
VX44T2	BCC0AE8	BCC 0000-0000-00-003-VX44T2-10X	100 m



		BCC M425-M314 ...	
Connection		M12 female, A-coded/ M8 male, A-coded	
Version		angled/straight	
Rated voltage	No LED	60 V AC/DC	
	with LED	–	
Rated current		4 A	
Degree of protection		IP67, IP68, IP69K/IP67, IP69K	
unshielded, no LED		BCC M425-M314-3F-304-____①-____②	
unshielded, 2 × PNP-LED		–	
Approval/Conformity		CE, UL, EAC	
For drawing see page		127	

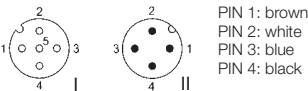
M12 female/M8 male



unshielded, no LED



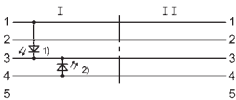
M12 female/M12 male



unshielded, no LED



unshielded, 2 × PNP-LED*



* 1) LED green = Power
2) LED yellow = Function



	BCC M425-M324 ...	BCC M425-M414 ...	BCC M425-M424 ...
	M12 female, A-coded/ M8 male, A-coded	M12 female, A-coded/ M12 male, A-coded	M12 female, A-coded/ M12 male, A-coded
	angled/angled	angled/straight	angled/angled
	60 V AC/DC	250 V AC/DC	250 V AC/DC
	–	30 V DC	–
	4 A	4 A	4 A
	IP67, IP68, IP69K/IP67, IP69K	IP67, IP68, IP69K/IP67, IP68, IP69K	IP67, IP68, IP69K/IP67, IP68, IP69K
	BCC M425-M324-3F-304-_____①-___②	BCC M425-M414-3A-304-_____①-___②	BCC M425-M424-3A-304-_____①-___②
	–	BCC M425-M414-3A-606-_____①-___②	–
	CE, UL, EAC	CE, UL, EAC	CE, UL, EAC
	127	127	127

①	Material	Color	Number of conductors x conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
PX0434	PUR	Black	4 × 0.34 mm ²	–50...+90 °C	–25...+90 °C
VX8434	PVC	Gray	4 × 0.34 mm ²	–40...+105 °C	–5...+105 °C
EX44T2	TPE	Yellow	4 × AWG22	–50...+105 °C	–25...+105 °C
VX44T2	PVC	Yellow	4 × AWG22	–40...+105 °C	–5...+105 °C

②	Cable length
CABLE	
003	0.3 m
006	0.6 m
010	1 m
015	1.5 m
020	2 m
050	5 m

Other cable lengths on request!

AVAILABLE AS BULK CABLE

	Order code	Part number	Cable length
PX0434	BCC0AC8	BCC 0000-0000-00-000-PX0434-10X	100 m
VX8434	BCC0C14	BCC 0000-0000-00-000-VX8434-10X	100 m
EX44T2	BCC0AEE	BCC 0000-0000-00-003-EX44T2-10X	100 m
VX44T2	BCC0AE8	BCC 0000-0000-00-003-VX44T2-10X	100 m



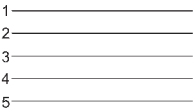
		BCC M415 ...	
Connection		M12 female, A-coded	
Version		straight	
Rated voltage	No LED	60 V AC/DC	
	with LED	–	
Rated current		4 A	
Degree of protection		IP67, IP68, IP69K	
unshielded, no LED, no PE		BCC M415-0000-1A-017-PX0534①-__ _②	
unshielded, no LED, with PE		BCC M415-0000-1A-034-PX0534①-__ _②	
unshielded, 3 × PNP-LED, no PE		–	
unshielded, 3 × PNP-LED, with PE		–	
Approval/Conformity		CE, UL, EAC	
For drawing see page		127	

M12 female, no PE

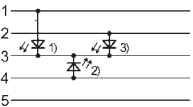


PIN 1: brown
PIN 2: white
PIN 3: blue
PIN 4: black
PIN 5: gray

unshielded, no LED



unshielded, 3 × PNP-LED*



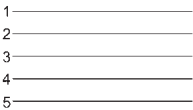
* ¹⁾ LED green = Power
²⁾ LED yellow = Function
³⁾ LED white = Function

M12 male, no PE



PIN 1: brown
PIN 2: white
PIN 3: blue
PIN 4: black
PIN 5: gray

unshielded, no LED

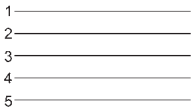


M12 female, with PE

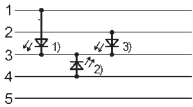


PIN 1: brown
PIN 2: white
PIN 3: blue
PIN 4: black
PIN 5: green/yellow

unshielded, no LED



unshielded, 3 × PNP-LED*

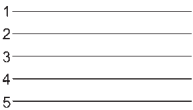


M12 male, with PE



PIN 1: brown
PIN 2: white
PIN 3: blue
PIN 4: black
PIN 5: green/yellow

unshielded, no LED





	BCC M415 ...	BCC M425 ...
	M12 male, A-coded	M12 female, A-coded
	straight	angled
	60 V AC/DC	60 V AC/DC
	–	30 V DC
	4 A	4 A
	IP67, IP68, IP69K	IP67, IP68, IP69K
	BCC M415-0000-2A-017-PX0534①-__ _②	BCC M425-0000-1A-017-PX0534①-__ _②
	BCC M415-0000-2A-034-PX0534①-__ _②	BCC M425-0000-1A-034-PX0534①-__ _②
	–	BCC M425-0000-1A-039-PX0534①-__ _②
	–	BCC M425-0000-1A-040-PX0534①-__ _②
	CE, UL, EAC	CE, UL, EAC
	127	127

①	Material	Color	Number of conductors × conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
PX0534	PUR	Black	5 × 0.34 mm ²	–50...+90 °C	–25...+90 °C

②	Cable length
CONNECTION CABLE	
020	2 m
050	5 m
100	10 m

Other cable lengths on request!

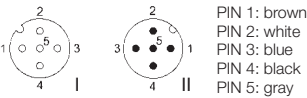
AVAILABLE AS BULK CABLE

	Order code	Part number	Cable length
PX0534	BCC0AC9	BCC 0000-0000-00-000-PX0534-10X	100 m

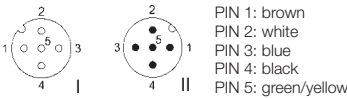


		BCC M415-M415 ...	
Connection		M12 female, A-coded/ M12 male, A-coded	
Version		straight/straight	
Rated voltage	No LED	60 V AC/DC	
	with LED	–	
Rated current		4 A	
Degree of protection	unshielded	IP67, IP68, IP69K/IP67, IP68, IP69K	
	shielded	IP67/IP67	
unshielded, no LED, no PE		BCC M415-M415-3A-312-PX0534①-__ _②	
unshielded, no LED, with PE		BCC M415-M415-3A-313-PX0534①-__ _②	
unshielded, 3 × PNP-LED, no PE		–	
unshielded, 3 × PNP-LED, with PE		–	
shielded, no LED, with PE		BCC M415-M415-3A-315-PS0534①-__ _②	
Approval/Conformity		CE, UL, EAC	
For drawing see page		128	

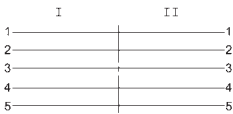
M12 female/M12 male, no PE



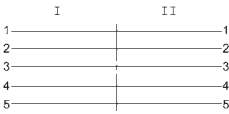
M12 female/M12 male, with PE



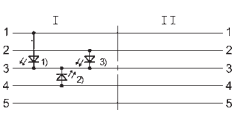
unshielded, no LED



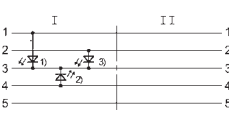
unshielded, no LED



unshielded, 3 × PNP-LED*

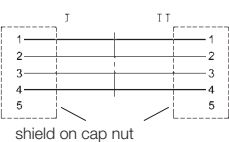


unshielded, 3 × PNP-LED*



* 1) LED green = Power
2) LED yellow = Function
3) LED white = Function

shielded, no LED





	BCC M425-M415 ...	BCC M425 ...
	M12 female, A-coded/ M12 male, A-coded	M12 female, A-coded/ M12 male, A-coded
	angled/straight	angled/angled
	60 V AC/DC	–
	30 V DC	30 V DC
	4 A	4 A
	IP67, IP68, IP69K/IP67, IP68, IP69K	IP67, IP68, IP69K/IP67, IP68, IP69K
	–	–
	BCC M425-M415-3A-312-PX0534①-__ _②	–
	BCC M425-M415-3A-313-PX0534①-__ _②	–
	BCC M425-M415-3A-660-PX0534①-__ _②	BCC M425-M425-3A-660-PX0534①-__ _②
	BCC M425-M415-3A-661-PX0534①-__ _②	BCC M425-M425-3A-661-PX0534①-__ _②
	–	–
	CE, UL, EAC	CE, UL, EAC
	128	128

①	Material	Color	Number of conductors x conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
PX0534	PUR		5 × 0.34 mm ²	–50...+90 °C	–25...+90 °C
SHIELDED					
PS0534	PUR		5 × 0.34 mm ²	–50...+90 °C	–25...+90 °C

②	Cable length
CABLE	
003	0.3 m
006	0.6 m
010	1 m
015	1.5 m
020	2 m
050	5 m

Other cable lengths on request!

AVAILABLE AS BULK CABLE

	Order code	Part number	Cable length
PX0534	BCC0AC9	BCC 0000-0000-00-000-PX0534-10X	100 m



	BCC M418 ...		
Connection	M12 female, A-coded	M12 male, A-coded	
Version	straight	straight	
Rated voltage	30 V AC/DC	30 V AC/DC	
Rated current	2 A	2 A	
Degree of protection	unshielded	IP67, IP68, IP69K	
	shielded	IP67	
unshielded, no LED, junction block wiring	BCC M418-0000-1A-044-PX0825①-__ _②	BCC M418-0000-2A-044-PX0825①-__ _②	
unshielded, no LED, sensor wiring	BCC M418-0000-1A-069-PX0825①-__ _②	–	
shielded, no LED, sensor wiring	BCC M418-0000-1A-046-PS0825①-__ _②	–	
Approval/Conformity	CE, UL, EAC	CE, UL, EAC	
For drawing see page	128	128	

M12 female, junction block wiring



- PIN 1: white
- PIN 2: green
- PIN 3: yellow
- PIN 4: gray
- PIN 5: brown
- PIN 6: pink
- PIN 7: blue
- PIN 8: red

unshielded, no LED



M12 female, sensor wiring



- PIN 1: white
- PIN 2: brown
- PIN 3: green
- PIN 4: yellow
- PIN 5: gray
- PIN 6: pink
- PIN 7: blue
- PIN 8: red

unshielded, no LED



M12 male, junction block wiring



- PIN 1: white
- PIN 2: green
- PIN 3: yellow
- PIN 4: gray
- PIN 5: brown
- PIN 6: pink
- PIN 7: blue
- PIN 8: red

unshielded, no LED

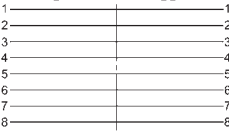


M12 female/M12 male, junction block wiring

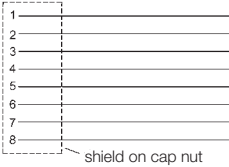


- PIN 1: white
- PIN 2: green
- PIN 3: yellow
- PIN 4: gray
- PIN 5: brown
- PIN 6: pink
- PIN 7: blue
- PIN 8: red

unshielded, no LED



shielded, no LED





BCC M428 ...	BCC M428 ...	BCC M418-M418 ...
M12 female, A-coded	M12 male, A-coded	M12 female, A-coded/ M12 male, A-coded
angled	angled	straight/straight
30 V AC/DC	30 V AC/DC	30 V AC/DC
2 A	2 A	2 A
IP67, IP68, IP69K	IP67, IP68, IP69K	IP67, IP68, IP69K/IP67, IP68, IP69K
IP67		
BCC M428-0000-1A-044-PX0825①-__ _②	BCC M428-0000-2A-044-PX0825①-__ _②	BCC M418-M418-3A-342-PX0825①-__ _②
BCC M428-0000-1A-069-PX0825①-__ _②	–	–
BCC M428-0000-1A-046-PS0825①-__ _②	–	–
CE, UL, EAC	CE, UL, EAC	CE, UL, EAC
128, 129	129	129

①	Material	Color	Number of conductors x conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
PX0825	PUR	Black	8 × 0.25 mm ²	–50...+80 °C	–25...+80 °C
SHIELDED					
PS0825	PUR	Black	8 × 0.25 mm ²	–50...+90 °C	–25...+90 °C

②	Cable length
CONNECTION CABLE	
020	2 m
050	5 m
100	10 m
CABLE	
003	0.3 m
006	0.6 m
010	1 m
015	1.5 m
020	2 m
050	5 m

Other cable lengths on request!



	BCC M41C ...	BCC M41C ...	
Connection	M12 female, A-coded	M12 male, A-coded	
Version	straight	straight	
Rated voltage	30 V AC/DC	30 V AC/DC	
Rated current	1.5 A	1.5 A	
Degree of protection	IP67, IP68, IP69K	IP67, IP68, IP69K	
unshielded, no LED	BCC M41C-0000-1A-049-PX0C25 ①-__ _②	BCC M41C-0000-2A-049-PX0C25①-__ _②	
Approval/Conformity	CE, UL, EAC	CE, UL, EAC	
For drawing see page	129	129	

M12 female



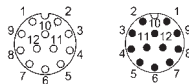
- PIN 1: brown
- PIN 2: blue
- PIN 3: white
- PIN 4: green
- PIN 5: pink
- PIN 6: yellow
- PIN 7: black
- PIN 8: gray
- PIN 9: red
- PIN 10: purple
- PIN 11: gray/pink
- PIN 12: red/blue

M12 male



- PIN 1: brown
- PIN 2: blue
- PIN 3: white
- PIN 4: green
- PIN 5: pink
- PIN 6: yellow
- PIN 7: black
- PIN 8: gray
- PIN 9: red
- PIN 10: purple
- PIN 11: gray/pink
- PIN 12: red/blue

M12 female/M12 male



- PIN 1: brown
- PIN 2: blue
- PIN 3: white
- PIN 4: green
- PIN 5: pink
- PIN 6: yellow
- PIN 7: black
- PIN 8: gray
- PIN 9: red
- PIN 10: purple
- PIN 11: gray/pink
- PIN 12: red/blue

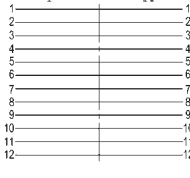
unshielded, no LED



unshielded, no LED



unshielded, no LED





	BCC M42C ...	BCC M42C ...	BCC M41C-M41C ...
	M12 female, A-coded	M12 male, A-coded	M12 female, A-coded/ M12 male, A-coded
	angled	angled	straight/straight
	30 V AC/DC	30 V AC/DC	30 V AC/DC
	1.5 A	1.5 A	1.5 A
	IP67, IP68, IP69K	IP67, IP68, IP69K	IP67, IP68, IP69K/IP67, IP68, IP69K
	BCC M42C-0000-1A-049-PX0C25①-__ _②	BCC M42C-0000-2A-049-PX0C25①-__ _②	BCC M41C-M41C-3A-325-PX0C25①-__ _②
	CE, UL, EAC	CE, UL, EAC	CE, UL, EAC
	129	129	129

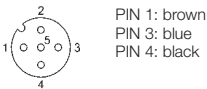
①	Material	Color	Number of conductors × conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
PX0C25	PUR	Black	12 × 0.25 mm ²	−50...+80 °C	−25...+80 °C

②	Cable length
CONNECTION CABLE	
020	2 m
050	5 m
100	10 m
CABLE	
003	0.3 m
006	0.6 m
010	1 m
020	2 m
050	5 m

Other cable lengths on request!

Connection	
Version	
Rated voltage	
Rated current	
Degree of protection	
unshielded, no LED, 3-conductor, N.O. signal	
unshielded, no LED, 4-conductor	
Approval/Conformity	
For drawing see page	

**M12 female, 3-conductor,
N.O. signal**

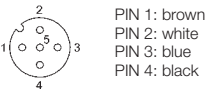


PIN 1: brown
PIN 3: blue
PIN 4: black

unshielded, no LED

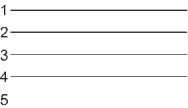


M12 female, 4-conductor



PIN 1: brown
PIN 2: white
PIN 3: blue
PIN 4: black

unshielded, no LED





	BCC M415 ...	BCC M425 ...
	M12 female, A-coded	M12 female, A-coded
	straight	angled
	250 V AC/DC	250 V AC/DC
	4 A	4 A
	IP67, IP68, IP69K	IP67, IP68, IP69K
	BCC M415-0000-1A-001-PH0334①-__ _②	BCC M425-0000-1A-001-PH0334①-__ _②
	BCC M415-0000-1A-003-PH0434①-__ _②	BCC M425-0000-1A-003-PH0434①-__ _②
	CE, UL, EAC	CE, UL, EAC
	130	130

①	Material	Color	Number of conductors × conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
PH0334	PUR	Black	3 × 0.34 mm ²	−40...+120 °C	
PH0434	PUR	Black	4 × 0.34 mm ²	−40...+120 °C	

②	Cable length
CONNECTION CABLE	
020	2 m
050	5 m
100	10 m

Other cable lengths on request!

AVAILABLE AS BULK CABLE

	Order code	Part number	Cable length
PH0434	BCC0H6E	BCC 0000-0000-00-000-PH0434-10X	100 m



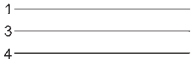
		BCC M313 ... BCC M314 ...	
Connection		M8 female, A-coded	
Version		straight	
Rated voltage	No LED	60 V AC/DC	
	with LED	–	
Rated current		4 A	
Degree of protection		IP67, IP69K	
unshielded, no LED, 3-conductor		BCC M313-0000-10-001-PW3334①-__ _②	
unshielded, no LED, 3-conductor, N.O. signal		–	
unshielded, 2 × PNP-LED, 3-conductor, N.O. signal		–	
unshielded, no LED, 4-conductor		BCC M314-0000-10-003-PW3434①-__ _②	
unshielded, 3 × PNP-LED, 4-conductor		–	
unshielded, 3 × PNP-LED, 5-conductor, with PE		–	
Approval/Conformity		CE, EAC	
For drawing see page		130	

M8 female, 3-conductor



PIN 1: brown
PIN 3: blue
PIN 4: black

unshielded, no LED

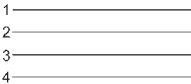


M8 female, 4-conductor

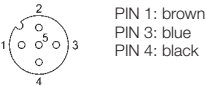


PIN 1: brown
PIN 2: white
PIN 3: blue
PIN 4: black

unshielded, no LED

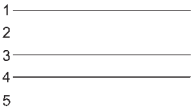


M12 female, 3-conductor,
N.O. signal

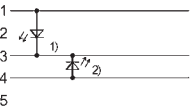


PIN 1: brown
PIN 3: blue
PIN 4: black

unshielded, no LED

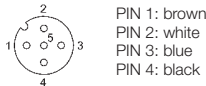


unshielded, 2 × PNP-LED



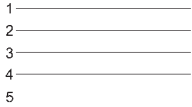
* 1) LED green = Power
2) LED yellow = Function
3) LED red = Function

M12 female, 4-conductor

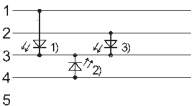


PIN 1: brown
PIN 2: white
PIN 3: blue
PIN 4: black

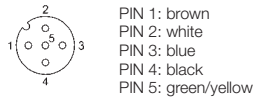
unshielded, no LED



unshielded, 3 × PNP-LED

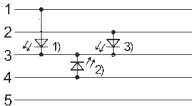


M12 female, 5-conductor,
with PE



PIN 1: brown
PIN 2: white
PIN 3: blue
PIN 4: black
PIN 5: green/yellow

unshielded, 3 × PNP-LED





	BCC M323 ... BCC M324 ...	BCC M415 ...	BCC M425 ...
	M8 female, A-coded	M12 female, A-coded	M12 female, A-coded
	angled	straight	angled
	60 V AC/DC	250 V AC/DC	250 V AC/DC
	–	–	30 V DC
	4 A	4 A	4 A
	IP67, IP69K	IP67, IP68, IP69K	IP67, IP68, IP69K
	BCC M323-0000-10-001-PW3334①-__ _②	–	–
	–	–	BCC M425-0000-1A-001-PW3334①-__ _②
	–	–	BCC M425-0000-1A-004-PW3334①-__ _②
	BCC M324-0000-10-003-PW3434①-__ _②	BCC M415-0000-1A-003-PW3434①-__ _②	BCC M425-0000-1A-003-PW3434①-__ _②
	–	–	BCC M425-0000-1A-099-PW3434①-__ _②
	–	–	BCC M425-0000-1A-100-PW3534①-__ _②
	CE, EAC	CE, UL, EAC	CE, UL, EAC
	130	130	130

①	Material	Color	Number of conductors × conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
PW3334	PUR	Orange	3 × 0.34 mm ²	–50...+90 °C	–25...+90 °C
PW3434	PUR	Orange	4 × 0.34 mm ²	–50...+90 °C	–25...+90 °C
PW3534	PUR	Orange	5 × 0.34 mm ²	–50...+90 °C	–25...+90 °C

②	Cable length
CONNECTION CABLE	
020	2 m
050	5 m
100	10 m

Other cable lengths on request!

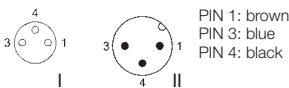
AVAILABLE AS BULK CABLE

	Order code	Part number	Cable length
PW3334	BCC0C1A	BCC 0000-0000-00-000-PW3334-10X	100 m
PW3434	BCC0C19	BCC 0000-0000-00-000-PW3434-10X	100 m
PW3534	BCC0C1F	BCC 0000-0000-00-003-PW3534-10X	100 m

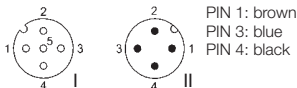


BCC M323-M413 ...			
Connection	M8 female, A-coded/ M12 male, A-coded		
Version	angled/straight		
Rated voltage	No LED	–	
	with LED	30 V DC	
Rated current	4 A		
Degree of protection	IP67, IP69K/IP67, IP68, IP69K		
unshielded, 2 × PNP-LED, 3-conductor	BCC M323-M413-3E-602-PW3334①-__ _②		
unshielded, 2 × PNP-LED, 3-conductor, N.O. signal	–		
unshielded, no LED, 4-conductor	–		
unshielded, 3 × PNP-LED, 4-conductor	–		
unshielded, no LED, 5-conductor, with PE	–		
unshielded, 3 × PNP-LED, 5-conductor, with PE	–		
Approval/Conformity	CE, EAC		
For drawing see page	131		

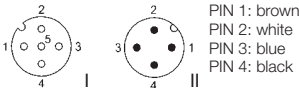
**M8 female/M12 male,
3-conductor**



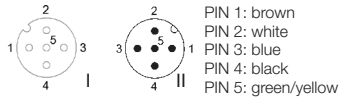
**M12 female/M12 male,
3-conductor, N.O. signal**



**M12 female/M12 male,
4-wire**



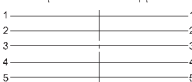
**M12 female/M12 male,
5-conductor, with PE**



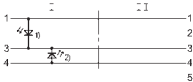
unshielded, no LED



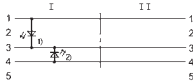
unshielded, no LED



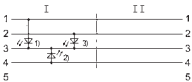
unshielded, 2 × PNP-LED*



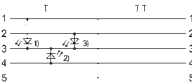
unshielded, 2 × PNP-LED*



unshielded, 3 × PNP-LED*



unshielded, 3 × PNP-LED*



* 1) LED green = Power
2) LED yellow = Function
3) LED red = Function



	BCC M415-M414... BCC M415-M415...	BCC M425-M413... BCC M425-M414... BCC M425-M415...
	M12 female, A-coded/ M12 male, A-coded	M12 female, A-coded/ M12 male, A-coded
	straight/straight	angled/straight
	250 V AC/DC	250 V AC/DC
	30 V DC	30 V DC
	4 A	4 A
	IP67, IP68, IP69K/IP67, IP68, IP69K	IP67, IP68, IP69K/IP67, IP68, IP69K
	–	–
	–	BCC M425-M413-3A-602-PW3334①-__ _②
	BCC M415-M414-3A-304-PW3434①-__ _②	BCC M425-M414-3A-304-PW3434①-__ _②
		BCC M425-M414-3A-691-PW3434①-__ _②
	BCC M415-M415-3A-313-PW3534①-__ _②	BCC M425-M415-3A-313-PW3534①-__ _②
	–	BCC M425-M415-3A-692-PW3534①-__ _②
	CE, UL, EAC	CE, UL, EAC
	131	131

①	Material	Color	Number of conductors x conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
PW3334	PUR	Orange	3 x 0.34 mm ²	–50...+90 °C	–25...+90 °C
PW3434	PUR	Orange	4 x 0.34 mm ²	–50...+90 °C	–25...+90 °C
PW3534	PUR	Orange	5 x 0.34 mm ²	–50...+90 °C	–25...+90 °C

②	Cable length
CABLE	
003	0.3 m
006	0.6 m
010	1 m
015	1.5 m
020	2 m
050	5 m

Other cable lengths on request!

AVAILABLE AS BULK CABLE

	Order code	Part number	Cable length
PW3334	BCC0C1A	BCC 0000-0000-00-000-PW3334-10X	100 m
PW3434	BCC0C19	BCC 0000-0000-00-000-PW3434-10X	100 m
PW3534	BCC0C1F	BCC 0000-0000-00-003-PW3534-10X	100 m



	BCC W313 ... BCC W314 ...	
Connection	M8 female, A-coded	
Version	straight	
Rated voltage	60 V AC/DC	
Rated current	4 A	
Degree of protection	IP65	
unshielded, no LED, 3-conductor	BCC W313-0000-10-001-BW8334①-__ _②	
unshielded, no LED, 4-conductor	BCC W314-0000-10-003-BW8434①-__ _②	
Approval/Conformity	CE, UL, EAC	
For drawing see page	131	

M8 female, 3-conductor



PIN 1: brown
PIN 3: blue
PIN 4: black

unshielded, no LED

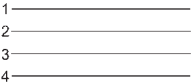


M8 female, 4-conductor



PIN 1: brown
PIN 2: white
PIN 3: blue
PIN 4: black

unshielded, no LED

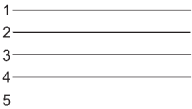


M12 female, 4-conductor



PIN 1: brown
PIN 2: white
PIN 3: blue
PIN 4: black

unshielded, no LED





	BCC W323 ... BCC W324 ...	BCC W415 ...	BCC W425 ...
	M8 female, A-coded	M12 female, A-coded	M12 female, A-coded
	angled	straight	angled
	60 V AC/DC	250 V AC/DC	250 V AC/DC
	4 A	4 A	4 A
	IP65	IP65	IP65
	BCC W323-0000-10-001-BW8334①-__ _②	–	–
	BCC W324-0000-10-003-BW8434①-__ _②	BCC W415-0000-1A-003-BW8434①-__ _②	BCC W425-0000-1A-003-BW8434①-__ _②
	CE, UL, EAC	CE, UL, EAC	CE, UL, EAC
	131	131	131

①	Material	Color	Number of conductors × conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
BW8334	TPE	Gray	3 × 0.34 mm ²	–50...+130 °C	–40...+125 °C
BW8434	TPE	Gray	4 × 0.34 mm ²	–50...+130 °C	–40...+125 °C

②	Cable length
CONNECTION CABLE	
020	2 m
050	5 m

Other cable lengths on request!

Sensors

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Optical Identification

Human Machine
Interfaces

Systems

Safety

Industrial Networking

Power Supplies

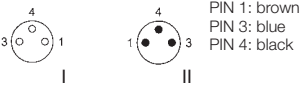
Connectivity

Accessories



	BCC W313-W313 ...	
Connection	M8 female, A-coded/ M8 male, A-coded	
Version	straight/straight	
Rated voltage	60 V AC/DC	
Rated current	4 A	
Degree of protection	IP65/IP65	
unshielded, no LED, 3-conductor	BCC W313-W313-30-300-BW8334①-_- _②	
unshielded, no LED, 4-conductor	–	
Approval/Conformity	CE, UL, EAC	
For drawing see page	131	

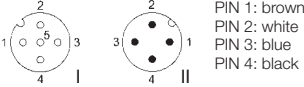
**M8 female/M8 male,
3-wire**



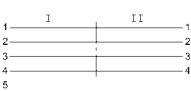
unshielded, no LED



**M12 female/M12 male,
4-wire**



unshielded, no LED





	BCC W415-W414 ...	BCC W425-W414 ...
	M12 female, A-coded/ M12 male, A-coded	M12 female, A-coded/ M12 male, A-coded
	straight/straight	angled/straight
	250 V AC/DC	250 V AC/DC
	4 A	4 A
	IP65/IP65	IP65/IP65
	–	–
	BCC W415-W414-3A-304-BW8434①-__ _②	BCC W425-W414-3A-304-BW8434①-__ _②
	CE, UL, EAC	CE, UL, EAC
	132	132

①	Material	Color	Number of conductors x conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
BW8334	TPE	Gray	3 × 0.34 mm ²	–50...+130 °C	–40...+125 °C
BW8434	TPE	Gray	4 × 0.34 mm ²	–50...+130 °C	–40...+125 °C

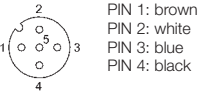
②	Cable length
CABLE	
003	0.3 m
006	0.6 m
010	1 m
015	1.5 m
020	2 m
050	5 m

Other cable lengths on request!

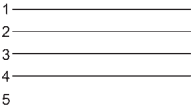


	BCC W415 ...	
Connection	M12 female, A-coded	
Version	straight	
Rated voltage	250 V AC/DC	
Rated current	4 A	
Degree of protection	IP65	
unshielded, no LED	BCC W415-0000-1A-003-SW0434①-__ _ ②	
unshielded, 3 × PNP-LED	–	
Approval/Conformity	CE, UL, EAC	
For drawing see page	132	

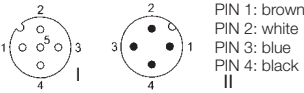
M12 female



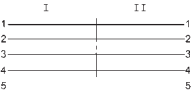
unshielded, no LED



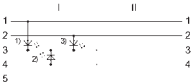
M12 female/M12 male



unshielded, no LED



unshielded, 3 × PNP-LED



* ① LED green = Power
② LED yellow = Function
③ LED red = Function



	BCC W425 ...	BCC W415 ... BCC W414 ...	BCC W425 ... BCC W414 ...
	M12 female, A-coded	M12 female, A-coded/ M12 male, A-coded	M12 female, A-coded/ M12, A-coded, male
	angled	straight/straight	angled/straight
	250 V AC/DC	250 V AC/DC	250 V AC/DC
	4 A	4 A	4 A
	IP65	IP65/IP65	IP65/IP65
	BCC W425-0000-1A-003-SW0434①-__ _ ②	BCC W415-W414-3A-304-SW0434①-__ _ ②	BCC W425-W414-3A-304-SW0434①-__ _ ②
	–	BCC W415-W414-3A-650-SW0434①-__ _ ②	BCC W425-W414-3A-650-SW0434①-__ _ ②
	CE, UL, EAC	CE, UL, EAC	CE, UL, EAC
	132	132	132

①	Material	Color	Number of conductors x conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
SW0434	Silicone	Black	4 x 0.34 mm²	–40...+200 °C	–25...+200 °C

②	Cable length
CONNECTION CABLE	
020	2 m
050	5 m
100	10 m
CABLE	
003	0.3 m
006	0.6 m
010	1 m
015	1.5 m
020	2 m
050	5 m

Other cable lengths on request!

AVAILABLE AS BULK CABLE

	Order code	Part number	Cable length
SW0434	BCC0HA8	BCC 0000-0000-00-003-SW0434-10X	100 m

Sensors

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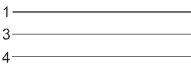


	BCC W313 ... BCC W314 ...	
Connection	M8 female, A-coded	
Version	straight	
Rated voltage	No LED	60 V AC/DC
Rated current		4 A
Degree of protection	unshielded	IP65
unshielded, no LED, 3-conductor		BCC W313-0000-10-001-TW0334①-__ _②
unshielded, no LED, 4-conductor		BCC W314-0000-10-003-TW0434①-__ _②
Approval/Conformity	CE, UL, EAC	
For drawing see page	132	

M8 female, 3-conductor



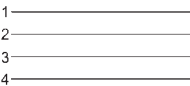
unshielded, no LED



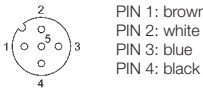
M8 female, 4-conductor



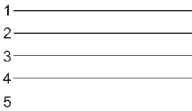
unshielded, no LED



M12 female, 4-conductor



unshielded, no LED





	BCC W323 ... BCC W324 ...	BCC W415 ...	BCC W425 ...
	M8 female, A-coded	M12 female, A-coded	M12 female, A-coded
	angled	straight	angled
	60 V AC/DC	250 V AC/DC	250 V AC/DC
	4 A	4 A	4 A
	IP65	IP65	IP65
	BCC W323-0000-10-001-TW0334①-__ _②	–	–
	BCC W324-0000-10-003-TW0434①-__ _②	BCC W415-0000-1A-003-TW0434①-__ _②	BCC W425-0000-1A-003-TW0434①-__ _②
	CE, UL, EAC	CE, UL, EAC	CE, UL, EAC
	133	133	133

①	Material	Color	Number of conductors × conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
TW0334	FEP	Black	3 × 0.34 mm ²	–100...+200 °C	–
TW0434	FEP	Black	4 × 0.34 mm ²	–100...+200 °C	–

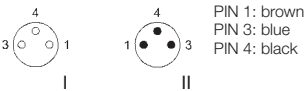
②	Cable length
CONNECTION CABLE	
020	2 m
050	5 m
100	10 m

Other cable lengths on request!

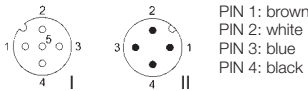


		BCC W313-W313 ...	
Connection		M8 female, A-coded/ M8 male, A-coded	
Version		straight/straight	
Rated voltage	No LED	60 V AC/DC	
	with LED	–	
Rated current		4 A	
Degree of protection	unshielded	IP65/IP65	
unshielded, no LED, 3-conductor		BCC W313-W313-30-300-TW0334①-__ _②	
unshielded, no LED, 4-conductor		–	
unshielded, 3 × PNP-LED, 4-conductor		–	
Approval/Conformity		CE, UL, EAC	
For drawing see page		133	

M8 female/M8 male,
3-wire



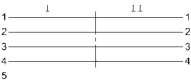
M12 female/M12 male,
4-wire



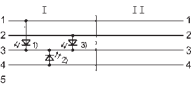
unshielded, no LED



unshielded, no LED



unshielded, 3 × PNP-LED



* ① LED green = Power
② LED yellow = Function
③ LED white = Function



	BCC W415-W414 ...	BCC W425-W414 ...
	M12 female, A-coded/ M12 male, A-coded	M12 female, A-coded/ M12 male, A-coded
	straight/straight	angled/straight
	250 V AC/DC	250 V AC/DC
	30 V DC	30 V DC
	4 A	4 A
	IP65/IP65	IP65/IP65
	–	–
	BCC W415-W414-3A-304-TW0434①-__ _②	BCC W425-W414-3A-304-TW0434①-__ _②
	BCC W415-W414-3A-650-TW0434①-__ _②	BCC W425-W414-3A-650-TW0434①-__ _②
	CE, UL, EAC	CE, UL, EAC
	133	133

①	Material	Color	Number of conductors × conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
TW0334	FEP	Black	3 × 0.34 mm ²	–100...+200 °C	–
TW0434	FEP	Black	4 × 0.34 mm ²	–100...+200 °C	–

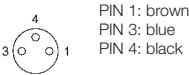
②	Cable length
CABLE	
003	0.3 m
006	0.6 m
010	1 m
015	1.5 m
020	2 m
050	5 m

Other cable lengths on request!



	BCC W313 ... BCC W314 ...	
Connection	M8 female, A-coded	
Version	straight	
Rated voltage	No LED	60 V AC/DC
Rated current		4 A
Degree of protection	unshielded	IP65
unshielded, no LED, 3-conductor		BCC W313-0000-10-001-MW8334①-__ _②
unshielded, no LED, 4-conductor		BCC W314-0000-10-003-MW8434①-__ _②
Approval/Conformity	CE, UL, EAC	
For drawing see page	133, 134	

M8 female, 3-conductor



PIN 1: brown
PIN 3: blue
PIN 4: black

unshielded, no LED

1 _____
3 _____
4 _____

M8 female, 4-conductor



PIN 1: brown
PIN 2: white
PIN 3: blue
PIN 4: black

unshielded, no LED

1 _____
2 _____
3 _____
4 _____

M12 female, 4-conductor



PIN 1: brown
PIN 2: white
PIN 3: blue
PIN 4: black

unshielded, no LED

1 _____
2 _____
3 _____
4 _____
5 _____



	BCC W323 ... BCC W324 ...	BCC W415 ...	BCC W425 ...
	M8 female, A-coded	M12 female, A-coded	M12 female, A-coded
	angled	straight	angled
	60 V AC/DC	250 V AC/DC	250 V AC/DC
	4 A	4 A	4 A
	IP65	IP65	IP65
	BCC W323-0000-10-001-MW8334①-__ _②	–	–
	BCC W324-0000-10-003-MW8434①-__ _②	BCC W415-0000-1A-003-MW8434①-__ _②	BCC W425-0000-1A-003-MW8434①-__ _②
	CE, UL, EAC	CE, UL, EAC	CE, UL, EAC
	134	134	134

①	Material	Color	Number of conductors × conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
MW8334	V2A, metal braided	–	3 × 0.34 mm ²	–50...+90 °C	–25...+90 °C
MW8434	V2A, metal braided	–	4 × 0.34 mm ²	–50...+90 °C	–25...+90 °C

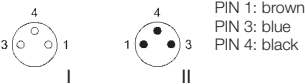
②	Cable length
CONNECTION CABLE	
006	0.6 m
010	1 m
020	2 m
050	5 m

Other cable lengths on request!



	BCC W313-W313 ...	
Connection	M8 female, A-coded/ M8 male, A-coded	
Version	straight/straight	
Rated voltage	No LED	60 V AC/DC
Rated current		4 A
Degree of protection	unshielded	IP65/IP65
unshielded, no LED, 3-conductor		BCC W313-W313-30-300-MW8334 ^① -__- ^②
unshielded, no LED, 4-conductor		–
Approval/Conformity		CE, UL, EAC
For drawing see page		134

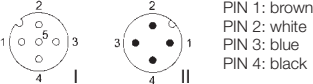
M8 female/M8 male,
3-wire



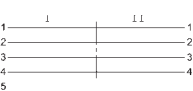
unshielded, no LED



M12 female/M12 male,
4-wire



unshielded, no LED





	BCC W323-W313 ...	BCC W415-W414 ...	BCC W425-W414 ...
	M8 female, A-coded/ M8 male, A-coded	M12 female, A-coded/ M12 male, A-coded	M12 female, A-coded/ M12 male, A-coded
	angled/straight	straight/straight	angled/straight
	60 V AC/DC	250 V AC/DC	250 V AC/DC
	4 A	4 A	4 A
	IP65/IP65	IP65/IP65	IP65/IP65
	BCC W323-W313-30-300-MW8334 ^① -__- ^②	–	–
	–	BCC W415-W414-3A-304-MW8434 ^① -__- ^②	BCC W425-W414-3A-304-MW8434 ^① -__- ^②
	CE, UL, EAC	CE, UL, EAC	CE, UL, EAC
	134	134	135

①	Material	Color	Number of conductors x conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
MW8334	V2A, metal braided	–	3 × 0.34 mm ²	–50...+90 °C	–25...+90 °C
MW8434	V2A, metal braided	–	4 × 0.34 mm ²	–50...+90 °C	–25...+90 °C

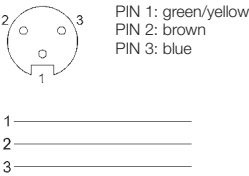
②	Cable length
CABLE	
003	0.3 m
006	0.6 m
010	1 m
015	1.5 m
020	2 m
050	5 m

Other cable lengths on request!

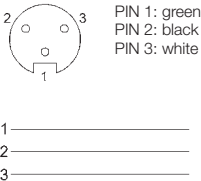


	BCC A313 ...	BCC A313 ...	
Connection	7/8" female	7/8" male	
Version	straight	straight	
Rated voltage	300 V AC/DC	300 V AC/DC	
Rated current	13 A	13 A	
Degree of protection	IP67, IP68	IP67, IP68	
unshielded, with PE	BCC A313-0000-10-097-PX03A5①-__ _②	–	
unshielded, no PE	BCC A313-0000-10-071-VX43W6①-__ _②	BCC A313-0000-20-071-VX43W6①-__ _②	
Approval/Conformity	CE, UL, EAC	CE, UL, EAC	
For drawing see page	135	135	

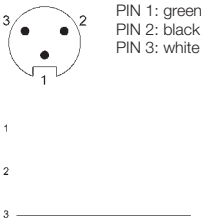
7/8" female,
with PE



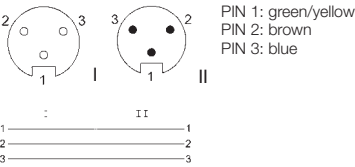
7/8" female,
no PE



7/8" male,
no PE



7/8" female/7/8" male,
with PE





	BCC A323 ...	BCC A323 ...	BCC A313-A313 ...
	7/8" female	7/8" male	7/8" female/ 7/8" male
	angled	angled	straight/straight
	300 V AC/DC	300 V AC/DC	300 V AC/DC
	13 A	13 A	13 A
	IP67, IP68	IP67, IP68	IP67, IP68
	BCC A323-0000-10-097-PX03A5①-__ _②	–	BCC A313-A313-30-365-PX03A5①-__ _②
	BCC A323-0000-10-071-VX43W6①-__ _②	BCC A323-0000-20-071-VX43W6①-__ _②	–
	CE, UL, EAC	CE, UL, EAC	CE, UL, EAC
	135	135	135

①	Material	Color	Number of conductors x conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
PX03A5	PUR	Black	3 x 1.5 mm²	–40...+80 °C	–20...+80 °C
VX43W6	PVC	Yellow	3 x AWG16	–40...+105 °C	–

②	Cable length
CONNECTION CABLE	
020	2 m
050	5 m
100	10 m
CABLE	
006	0.6 m
020	2 m
050	5 m
100	10 m

Other cable lengths on request!

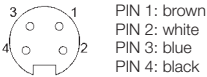
AVAILABLE AS BULK CABLE

	Order code	Part number	Cable length
VX43W6	BCC0AEF	BCC 0000-0000-00-071-VX43W6-10X	100 m



	BCC A314...	
Connection	7/8" female	
Version	straight	
Rated voltage	300 V AC/DC	
Rated current	10 A	
Degree of protection	IP67, IP68	
unshielded	BCC A314-0000-10-003-____①-____②	
Approval/Conformity	CE, UL, EAC	
For drawing see page	135	

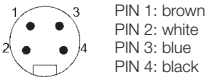
7/8" female



PIN 1: brown
PIN 2: white
PIN 3: blue
PIN 4: black

1 _____
2 _____
3 _____
4 _____

7/8" male



PIN 1: brown
PIN 2: white
PIN 3: blue
PIN 4: black

1 _____
2 _____
3 _____
4 _____



	BCC A314 ...	BCC A324 ...	BCC A324 ...
	7/8" male	7/8" female	7/8" male
	straight	angled	angled
	300 V AC/DC	300 V AC/DC	300 V AC/DC
	10 A	10 A	10 A
	IP67, IP68	IP67, IP68	IP67, IP68
	BCC A314-0000-20-003-____①-____②	BCC A324-0000-10-003-____①-____②	BCC A324-0000-20-003-____①-____②
	CE, UL, EAC	CE, UL, EAC	CE, UL, EAC
	135	136	136

①	Material	Color	Number of conductors × conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
PX04A5	PUR	Black	4 × 1.5 mm ²	−40...+80 °C	−20...+80 °C
VX44W6	PVC	Yellow	4 × AWG16	−40...+105 °C	–
EX44W6	TPE	Yellow	4 × AWG16	−50...+105 °C	–

②	Cable length
CONNECTION CABLE	
020	2 m
050	5 m
100	10 m

Other cable lengths on request!

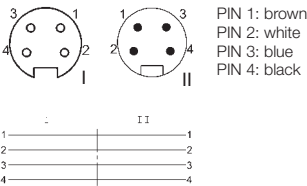
AVAILABLE AS BULK CABLE

	Order code	Part number	Cable length
PX04A5	BCC0ACF	BCC 0000-0000-00-000-PX04A5-10X	100 m
VX44W6	BCC0AEJ	BCC 0000-0000-00-003-VX44W6-10X	100 m
EX44W6	BCC0APC	BCC 0000-0000-00-003-EX44W6-10X	100 m



	BCC A314-A314...	
Connection	7/8" female/ 7/8" male	
Version	straight/straight	
Rated voltage	300 V AC/DC	
Rated current	10 A	
Degree of protection	IP67, IP68	
unshielded	BCC A314-A314-30-304-_____-①-_____-②	
Approval/Conformity	CE, UL, EAC	
For drawing see page	136	

7/8" female/7/8" male





	BCC A314-A324...	BCC A324-A314 ...	BCC A324-A324 ...
	7/8" female/ 7/8" male	7/8" female/ 7/8" male	7/8" female/ 7/8" male
	straight/angled	angled/straight	angled/angled
	300 V AC/DC	300 V AC/DC	300 V AC/DC
	10 A	10 A	10 A
	IP67, IP68	IP67, IP68	IP67, IP68
	BCC A314-A324-30-304-____①-__②	BCC A324-A314-30-304-____①-__②	BCC A324-A324-30-304-____①-__②
	CE, UL, EAC	CE, UL, EAC	CE, UL, EAC
	136	136	136

①	Material	Color	Number of conductors x conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
PX04A5	PUR	Black	4 × 1.5 mm ²	-40...+80 °C	-20...+80 °C
VX44W6	PVC	Yellow	4 × AWG16	-40...+105 °C	-
EX44W6	TPE	Yellow	4 × AWG16	-50...+105 °C	-

②	Cable length
CABLE	
006	0.6 m
020	2 m
050	5 m
100	10 m

Other cable lengths on request!

AVAILABLE AS BULK CABLE

	Order code	Part number	Cable length
PX04A5	BCC0ACF	BCC 0000-0000-00-000-PX04A5-10X	100 m
VX44W6	BCC0AEJ	BCC 0000-0000-00-003-VX44W6-10X	100 m
EX44W6	BCC0APC	BCC 0000-0000-00-003-EX44W6-10X	100 m



	BCC A315...	
Connection	7/8" female	
Version	straight	
Rated voltage	300 V AC/DC	
Rated current	9 A	
Degree of protection	IP67, IP68	
unshielded	BCC A315-0000-10-063-____①-____②	
Approval/Conformity	CE, UL, EAC	
For drawing see page	136	

7/8" female



- PIN 1: black
- PIN 2: blue
- PIN 3: green/yellow
- PIN 4: brown
- PIN 5: white

1

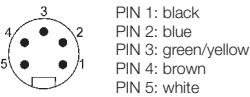
2

3

4

5

7/8" male



- PIN 1: black
- PIN 2: blue
- PIN 3: green/yellow
- PIN 4: brown
- PIN 5: white

1

2

3

4

5



	BCC A315 ...	BCC A325 ...	BCC A325 ...
	7/8" male	7/8" female	7/8" male
	straight	angled	angled
	300 V AC/DC	300 V AC/DC	300 V AC/DC
	9 A	9 A	9 A
	IP67, IP68	IP67, IP68	IP67, IP68
	BCC A315-0000-20-063-____①-____②	BCC A325-0000-10-063-____①-____②	BCC A325-0000-20-063-____①-____②
	CE, UL, EAC	CE, UL, EAC	CE, UL, EAC
	136	137	137

①	Material	Color	Number of conductors × conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
PX05A5	PUR	Black	5 × 1.5 mm ²	−40...+80 °C	−20...+80 °C
VX45W6	PVC	Yellow	5 × AWG16	−40...+105 °C	–

②	Cable length
CONNECTION CABLE	
020	2 m
050	5 m
100	10 m

Other cable lengths on request!

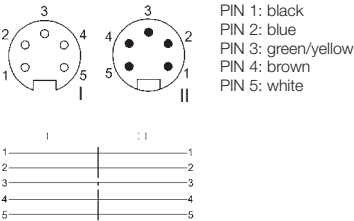
AVAILABLE AS BULK CABLE

	Order code	Part number	Cable length
PX05A5	BCC0ACH	BCC 0000-0000-00-000-PX05A5-10X	100 m
VX45W6	BCC0AEK	BCC 0000-0000-00-036-VX45W6-10X	100 m



	BCC A315-A315...	
Connection	7/8" female/ 7/8" male	
Version	straight/straight	
Rated voltage	300 V AC/DC	
Rated current	9 A	
Degree of protection	IP67, IP68	
unshielded with PE	BCC A315-A315-30-335-_____-①-_____-②	
Approval/Conformity	CE, UL, EAC	
For drawing see page	137	

7/8" female/7/8" male





BCC A315-A325...	BCC A325-A315 ...	BCC A325-A325 ...
7/8" female/ 7/8" male	7/8" female/ 7/8" male	7/8" female/ 7/8" male
straight/angled	angled/straight	angled/angled
300 V AC/DC	300 V AC/DC	300 V AC/DC
9 A	9 A	9 A
IP67, IP68	IP67, IP68	IP67, IP68
BCC A315-A325-30-335-____①-__②	BCC A325-A315-30-335-____①-__②	BCC A325-A325-30-335-____①-__②
CE, UL, EAC	CE, UL, EAC	CE, UL, EAC
137	137	137

①	Material	Color	Number of conductors x conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
PX05A5	PUR	Black	5 × 1.5 mm ²	-40...+80 °C	-20...+80 °C
VX45W6	PVC	Yellow	5 × AWG16	-40...+105 °C	-

②	Cable length
CABLE	
006	0.6 m
020	2 m
050	5 m
100	10 m

Other cable lengths on request!

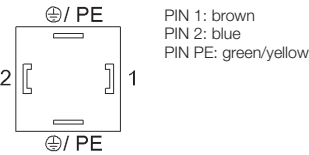
AVAILABLE AS BULK CABLE

	Order code	Part number	Cable length
PX05A5	BCC0ACH	BCC 0000-0000-00-000-PX05A5-10X	100 m
VX45W6	BCC0AEK	BCC 0000-0000-00-036-VX45W6-10X	100 m

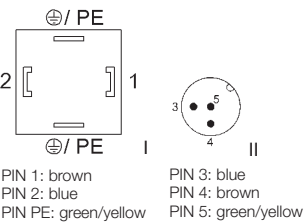


	BCC VA04 ...	
Connection	DIN A, 18 mm, 0°/180°, female	
Version	angled	
Rated voltage	No LED	250 V AC/DC
	with LED	30 V AC/DC
Rated current	6 A	
Degree of protection	IP67	
No protection circuit, no LED, 3-conductor	BCC VA04-0000-10-054-__①-__②	
With suppressor diode, with PNP-LED, 3-conductor	BCC VA04-0000-10-053-__①-__②	
No protection circuit, with PNP-LED, 5-conductor	–	
Approval/Conformity	CE, EAC	
For drawing see page	137	

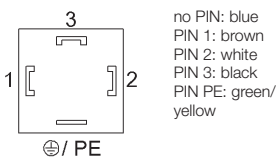
DIN A, 18 mm, 3-conductor



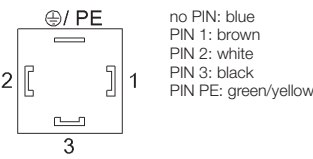
DIN A, 18 mm/M12 male, 3-conductor



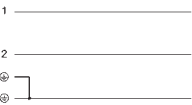
DIN A, 18 mm for pressure switch, 0°, 5-conductor



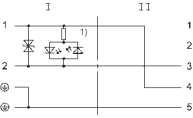
DIN A, 18 mm for pressure switch, 180°, 5-conductor



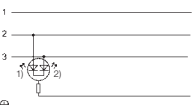
No protection circuit, no LED



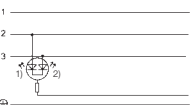
With suppressor diode, with PNP-LED*



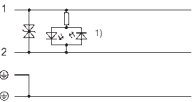
No protection circuit, with PNP-LED*



No protection circuit, with PNP-LED*



With suppressor diode, with PNP-LED*



* 1) LED yellow
2) LED green



	BCC VA04-M413 ...	BCC PA04 ...	BCC PA24 ...
	DIN A, 18 mm, 0°/180°, female/M12 male, A-coded	DIN A, 18 mm, for pressure switch, 0°, female	DIN A, 18 mm, for pressure switch, 180°, female
	angled/straight	angled	angled
	–	–	–
	30 V AC/DC	30 V AC/DC	30 V AC/DC
	6 A	6 A	6 A
	IP67/IP67, IP69K	IP67	IP67
	–	–	–
	BCC VA04-M413-3E-664-__①-__②	–	–
	–	BCC PA04-0000-10-070-PX0550①-__②	BCC PA24-0000-10-070-PX0550①-__②
	CE, EAC	CE, EAC	CE, EAC
	137	138	138

①	Material	Color	Number of conductors × conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
PX0350	PUR	Black	3 × 0.5 mm ²	–50...+80 °C	–25...+80 °C
VX8350	PVC	Gray	3 × 0.5 mm ²	–40...+105 °C	+5...+105 °C
PX0550	PUR	Black	5 × 0.5 mm ²	–50...+80 °C	–25...+80 °C

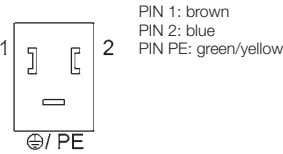
②	Cable length
CONNECTION CABLE	
020	2 m
050	5 m
100	10 m
CABLE	
003	0.3 m
006	0.6 m
010	1 m
015	1.5 m
020	2 m
050	5 m

Other cable lengths on request!

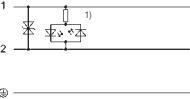


	BCC VB03 ...	
Connection	DIN B, 10 mm, 0°, female	
Version	angled	
Rated voltage	30 V AC/DC	
Rated current	4 A	
Degree of protection	IP67	
With suppressor diode, with PNP-LED	BCC VB03-0000-10-055-__①-__②	
Approval/Conformity	CE, EAC	
For drawing see page	138	

DIN B, 10 mm, 0°

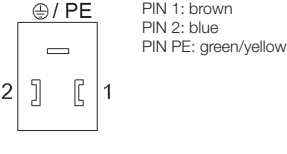


With suppressor diode,
with PNP-LED*

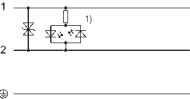


* 1) LED yellow

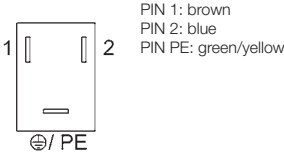
DIN B, 10 mm, 180°



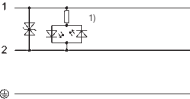
With suppressor diode,
with PNP-LED*



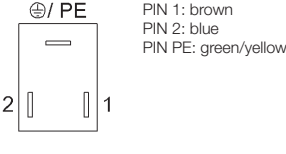
Industry B, 11 mm, 0°



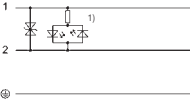
With suppressor diode,
with PNP-LED*



Industry B, 11 mm, 180°



With suppressor diode,
with PNP-LED*





	BCC VB23 ...	BCC VB43 ...	BCC VB63 ...
	DIN B, 10 mm, 180°, female	Industry B, 11 mm, 0°, female	Industry B, 11 mm, 180°, female
	angled	angled	angled
	30 V AC/DC	30 V AC/DC	30 V AC/DC
	4 A	4 A	4 A
	IP67	IP67	IP67
	BCC VB23-0000-10-055-____①-____②	BCC VB43-0000-10-055-____①-____②	BCC VB63-0000-10-055-____①-____②
	CE, EAC	CE, EAC	CE, EAC
	138	138	138

①	Material	Color	Number of conductors x conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
PX0350	PUR	Black	3 × 0.5 mm ²	−50...+80 °C	−25...+80 °C
VX8350	PVC	Gray	3 × 0.5 mm ²	−40...+105 °C	+5...+105 °C

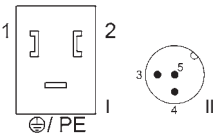
②	Cable length
CONNECTION CABLE	
020	2 m
050	5 m
100	10 m

Other cable lengths on request!



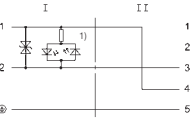
	BCC VB03-M413 ...	
Connection	DIN B, 10 mm, 0°, female/M12 male, A-coded	
Version	angled/straight	
Rated voltage	30 V AC/DC	
Rated current	4 A	
Degree of protection	IP67	
With suppressor diode, with PNP-LED	BCC VB03-M413-3E-666-PX0350①-__ _②	
Approval/Conformity	CE, EAC	
For drawing see page	138	

**DIN B, 10 mm, 0°/
M12 male**



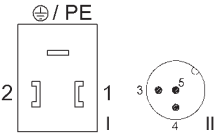
PIN 1: brown
PIN 2: blue
PIN PE: green/
yellow
PIN 3: blue
PIN 4: brown
PIN 5: green/
yellow

**With suppressor diode,
with PNP-LED***



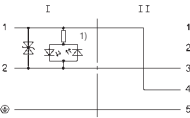
* 1) LED yellow

**DIN B, 10 mm, 180°/
M12 male**

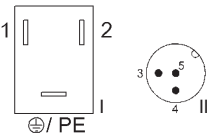


PIN 1: brown
PIN 2: blue
PIN PE: green/
yellow
PIN 3: blue
PIN 4: brown
PIN 5: green/
yellow

**With suppressor diode,
with PNP-LED***

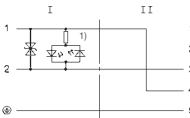


**Industry B, 11 mm, 0°/
M12 male**

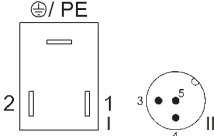


PIN 1: brown
PIN 2: blue
PIN PE: green/
yellow
PIN 3: blue
PIN 4: brown
PIN 5: green/
yellow

**With suppressor diode,
with PNP-LED***

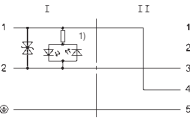


**Industry B, 11 mm, 180°/
M12 male**



PIN 1: brown
PIN 2: blue
PIN PE: green/
yellow
PIN 3: blue
PIN 4: brown
PIN 5: green/
yellow

**With suppressor diode,
with PNP-LED***





	BCC VB23-M413 ...	BCC VB43-M413 ...	BCC VB63-M413 ...
	DIN B, 10 mm, 180°, female/M12 male, A-coded	Industry B, 11 mm, 0°, female/M12 male, A-coded	Industry B, 11 mm, 180°, female/M12 male, A-coded
	angled/straight	angled/straight	angled/straight
	30 V AC/DC	30 V AC/DC	30 V AC/DC
	4 A	4 A	4 A
	IP67	IP67	IP67
	BCC VB23-M413-3E-666-PX0350①-__ _②	BCC VB43-M413-3E-666-PX0350①-__ _②	BCC VB63-M413-3E-666-PX0350①-__ _②
	CE, EAC	CE, EAC	CE, EAC
	138	139	139

①	Material	Color	Number of conductors x conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
PX0350	PUR	Black	3 x 0.5 mm ²	-50...+80 °C	-25...+80 °C

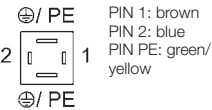
②	Cable length
CABLE	
003	0.3 m
006	0.6 m
010	1 m
015	1.5 m
020	2 m
050	5 m

Other cable lengths on request!

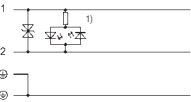


	BCC VC04 ...	
Connection	DIN C, 8 mm, 0°/180°, female	
Version	angled	
Rated voltage	30 V AC/DC	
Rated current	4 A	
Degree of protection	IP67	
With suppressor diode, with PNP-LED	BCC VC04-0000-10-053-____①-____②	
Approval/Conformity	CE, EAC	
For drawing see page	139	

DIN C, 8 mm

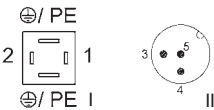


With suppressor diode, with PNP-LED*



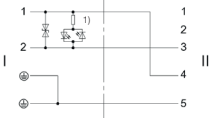
* 1) LED yellow

**DIN C, 8 mm/
M12 male**

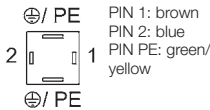


PIN 1: brown
PIN 2: blue
PIN PE: green/yellow
PIN 3: blue
PIN 4: brown
PIN 5: green/yellow

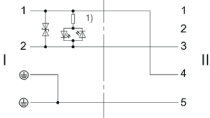
With suppressor diode, with PNP-LED*



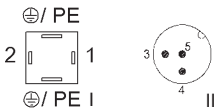
Industry C, 9.4 mm



With suppressor diode, with PNP-LED*

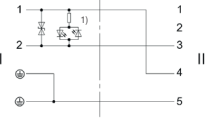


**Industry C, 9.4 mm/
M12 male**



PIN 1: brown
PIN 2: blue
PIN PE: green/yellow
PIN 3: blue
PIN 4: brown
PIN 5: green/yellow

With suppressor diode, with PNP-LED*





	BCC VC04-M413 ...	BCC VC44 ...	BCC VC44-M413 ...
	DIN C, 8 mm, 0°/180°, female/M12 male, A-coded	Industry C, 9.4 mm, 0°/180°, female	Industry C, 9.4 mm, 0°/180°, female/M12 male, A-coded
	angled/straight	angled	angled/straight
	30 V AC/DC	30 V AC/DC	30 V AC/DC
	4 A	4 A	4 A
	IP67	IP67	IP67
	BCC VC04-M413-3E-664-PX0350①-__ _②	BCC VC44-0000-10-053-__ _①-__ _②	BCC VC44-M413-3E-664-PX0350①-__ _②
	CE, EAC	CE, EAC	CE, EAC
	139	139	139

①	Material	Color	Number of conductors x conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
PX0350	PUR	Black	3 x 0.5 mm ²	-50...+80 °C	-25...+80 °C
VX8350	PVC	Gray	3 x 0.5 mm ²	-40...+105 °C	+5...+105 °C

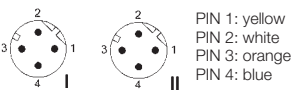
②	Cable length
CONNECTION CABLE	
020	2 m
050	5 m
100	10 m
CABLE	
003	0.3 m
006	0.6 m
010	1 m
015	1.5 m
020	2 m
050	5 m

Other cable lengths on request!



	BCC M414-M414...	
Connection	M12 male, D-coded/ M12 male, D-coded	
Version	straight/straight	
Rated voltage	250 V AC/DC	
Rated current	4 A	
Degree of protection	IP67, IP68, IP69K/IP67, IP68, IP69K	
shielded	BCC M414-M414-6D-331-PS54N2①-__ _②	
Approval/Conformity	UL, EAC	
For drawing see page	139	

M12 male/M12 male



PIN 1: yellow
PIN 2: white
PIN 3: orange
PIN 4: blue

M12 male/
RJ45 male



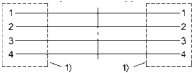
PIN 1: yellow
PIN 2: white
PIN 3: orange
PIN 4: blue

PIN 1: yellow
PIN 2: orange
PIN 3: white
PIN 6: blue

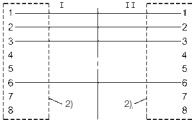
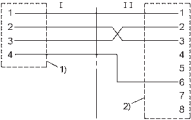
RJ45 male/
RJ45 male



PIN 1: yellow
PIN 2: orange
PIN 3: white
PIN 6: blue



¹⁾ Shield on cover nut
²⁾ Shield on housing





	BCC M414-E834...	BCC E834-E834 ...
	M12 male, D-coded/ RJ45, male	RJ45, male/ RJ45, male
	straight	straight/straight
	125 V AC/DC	125 V AC/DC
	1 A	1 A
	IP67, IP68, IP69K/IP20	IP20, IP20
	BCC M414-E834-8G-668-PS54N2①-__ _②	BCC E834-E834-90-334-PS54N2①-__ _②
	CE, EAC	CE, EAC
	139	140

①	Material	Color	Number of conductors × conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
SHIELDED					
PS54N2	PUR	Green	4 × AWG22	−40...+80 °C	−20...+60 °C

②	Cable length
CABLE	
006	0.6 m
020	2 m
050	5 m
100	10 m
150	15 m
200	20 m

Other cable lengths on request!

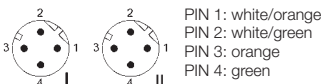
AVAILABLE AS BULK CABLE

	Order code	Part number	Cable length
PS54N2	BCC0AC6	BCC 0000-0000-00-000-PS54N2-10X	100 m

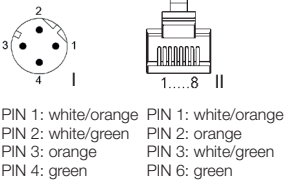


	BCC M414-M414...	
Connection	M12 male, D-coded/ M12 male, D-coded	
Version	straight/straight	
Rated voltage	250 V AC/DC	
Rated current	4 A	
Degree of protection	IP67, IP68, IP69K/IP67, IP68, IP69K	
shielded	BCC M414-M414-6D-338-ES64N9①-__ _ ②	
Approval/Conformity	UL, EAC	
For drawing see page	140	

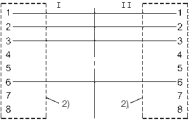
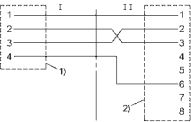
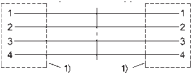
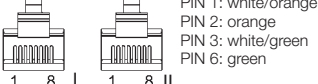
M12 male/M12 male



M12 male/
RJ45 male



RJ45 male/
RJ45 male



¹⁾ Shield on cover nut
²⁾ Shield on housing



	BCC M414-E834...	BCC E834-E834 ...
	M12 male, D-coded/ RJ45, male	RJ45, male/ RJ45, male
	straight/straight	straight/straight
	30 V AC/42 V DC	30 V AC/42 V DC
	1 A	1 A
	IP67, IP68, IP69K/IP20	IP20/IP20
	BCC M414-E894-8G-672-ES64N9①-__ _②	BCC E894-E894-90-339-ES64N9①-__ _②
	CE, EAC	CE, EAC
	140	140

①	Material	Color	Number of conductors × conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
SHIELDED					
ES64N9	TPE	turquoise blue	2 × 2 AWG24	−40...+80 °C	−40...+80 °C

②	Cable length
CABLE	
006	0.6 m
010	1 m
020	2 m
050	5 m
100	10 m
150	15 m
200	20 m

Other cable lengths on request!

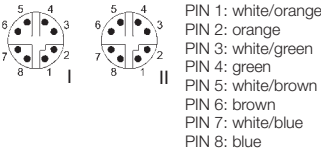
AVAILABLE AS BULK CABLE

	Order code	Part number	Cable length
ES64N9	BCC0AUJ	BCC 0000-0000-00-168-ES64N9-10X	100 m

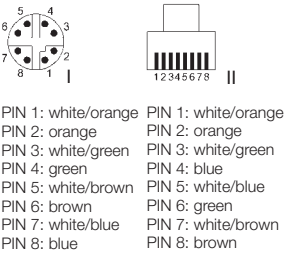


	BCC M418-M418...	
Connection	M12 male, X-coded/ M12 male, X-coded	
Version	straight/straight	
Rated voltage	50 V AC/60 V DC	
Rated current	0.5 A	
Degree of protection	IP67/IP67	
shielded	BCC M418-M418-6X-378-PS58N9①- _ _ ②	
Approval/Conformity	CE, UL, EAC	
For drawing see page	140	

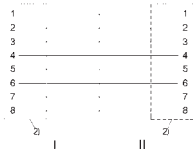
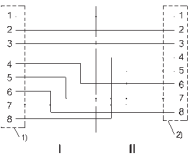
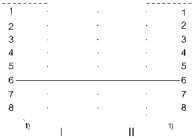
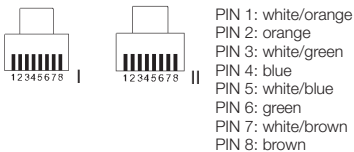
M12 male/M12 male



M12 male/
RJ45 male



RJ45 male/
RJ45 male





	BCC M418-E818...	BCC E818-E818 ...
	M12 male, X-coded/ RJ45, male	RJ45, male/ RJ45, male
	straight/straight	straight/straight
	50 V AC/60 V DC	50 V AC/60 V DC
	0.5 A	0.5 A
	IP67/IP20	IP20/IP20
	BCC M418-E818-8X0-723-PS58N9①-__ _②	BCC E818-E818-90-377-PS58N9①-__ _②
	CE, UL, EAC	CE, UL, EAC
	140	140

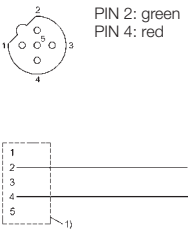
①	Material	Color	Number of conductors × conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
SHIELDED					
PS58N9	PUR	Green	4 × 2 AWG26	−40...+85 °C	−10...+60 °C

②	Cable length
CABLE	
010	1 m
020	2 m
050	5 m
100	10 m

Other cable lengths on request!

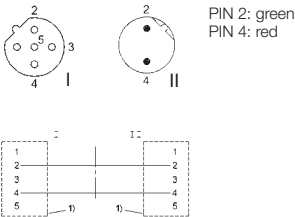
Connection	
Version	
Rated voltage	
Rated current	
Degree of protection	
shielded	
Approval/Conformity	
For drawing see page	

M12 female



1) Shield on cover nut

M12 female/M12 male





	BCC M415 ...	BCC M415-M412...
	M12 female, B-coded	M12 female, B-coded/ M12 male, B-coded
	straight	straight/straight
	250 V AC/DC	250 V DC
	4 A	4 A
	IP67	IP67/IP67
	BCC M415-0000-1B-031-PS72N1①-_-_-②	BCC M415-M412-3B-329-PS72N1①-_-_-②
	UL, EAC	UL, EAC
	140	141

①	Material	Color	Number of conductors × conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
SHIELDED					
PS72N1	PUR	Violet	2 × AWG24	−40...+70 °C	−20...+60 °C

②	Cable length
CONNECTION CABLE	
003	0.3 m
006	0.6 m
010	1 m
020	2 m
050	5 m
100	10 m
150	15 m
CABLE	
020	2 m
050	5 m
100	10 m

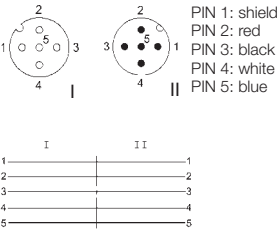
Other cable lengths on request!

AVAILABLE AS BULK CABLE

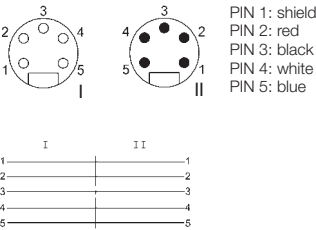
	Order code	Part number	Cable length
PS72N1	BCC0ACA	BCC 0000-0000-00-000-PS72N1-10X	100 m

Connection	
Version	
Rated voltage	
Rated current	
Degree of protection	
shielded, thick	
shielded, thin	
Approval/Conformity	
For drawing see page	

M12 female/M12 male



7/8" female/7/8" male





	BCC M415-M415...	BCC A315-A315...
	M12 female, A-coded/ M12 male, A-coded	7/8", female/ 7/8", male
	straight/straight	straight/straight
	60 V AC/DC	300 V DC
	4 A	9 A
	IP67, IP68, IP69K/IP67, IP68, IP69K	IP67, IP68/IP67, IP68
	–	BCC A315-A315-30-330-____①-____②
	BCC M415-M415-3A-330-____①-____②	BCC A315-A315-30-330-____①-____②
	CE, UL, EAC	UL, EAC
	141	141

①	Material	Color	Number of conductors x conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
SHIELDED, THICK					
PS85N4	PUR	Gray	2 x AWG15 2 x AWG18	–20...+80 °C	–
VS85N4	PVC	Gray	2 x AWG15 2 x AWG18	–40...+80 °C	–
SHIELDED, THIN					
PS85N6	PVC	Gray	2 x AWG22 2 x AWG22	–20...+80 °C	–
VS85N6	PVC	Gray	2 x AWG22 2 x AWG22	–20...+80 °C	–

②	Cable length
CABLE	
006	0.6 m
010	1 m
020	2 m
050	5 m
100	10 m

Other cable lengths on request!

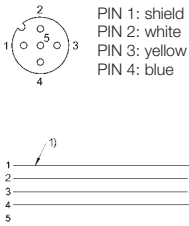
AVAILABLE AS BULK CABLE

	Order code	Part number	Cable length
PS85N4	BCC0AEM	BCC 0000-0000-00-030-PS85N4-10X	100 m
VS85N4	BCC0AEL	BCC 0000-0000-00-030-VS85N4-10X	100 m
PS85N6	BCC0AER	BCC 0000-0000-00-030-PS85N6-10X	100 m
VS85N6	BCC0AEP	BCC 0000-0000-00-030-VS85N6-10X	100 m

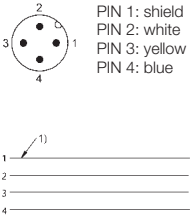


	BCC M415 ...	
Connection	M12 female, A-coded	
Version	straight	
Rated voltage	250 V AC/DC	
Rated current	4 A	
Degree of protection	IP67, IP68, IP69K	
shielded	BCC M415-0000-1A-068-VS24N7①-__ _②	
Approval/Conformity	UL, EAC	
For drawing see page	141	

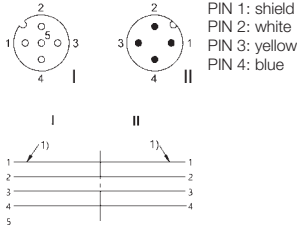
M12 female



M12 male



M12 female/M12 male



1) Shield on PIN 1



	BCC M414 ...	BCC M415-M414 ...
	M12 male, A-coded	M12 female, A-coded/ M12 male, A-coded
	straight	straight/straight
	250 V AC/DC	250 V AC/DC
	4 A	4 A
	IP67, IP68, IP69K	IP67, IP68, IP69K/IP67, IP68, IP69K
	BCC M414-0000-2A-068-VS24N7①- _ _ ②	BCC M415-M414-3A-337-VS24N7①- _ _ ②
	UL, EAC	UL, EAC
	141	141

①	Material	Color	Number of conductors × conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
SHIELDED					
VS24N7	PVC	Red	3 × AWG20	−40...+70 °C	–

②	Cable length
CONNECTION CABLE	
020	2 m
050	5 m
100	10 m
CABLE	
006	0.6 m
020	2 m
050	5 m
100	10 m

Other cable lengths on request!

AVAILABLE AS BULK CABLE

	Order code	Part number	Cable length
VS24N7	BCC0ACE	BCC 0000-0000-00-000-VS24N7-10X	100 m



	BCC M61C ...	
Connection	M23 female, 12-pin	
Version	straight	
Rated voltage	250 V AC/DC	
Rated current	8 A	
Degree of protection	IP67	
unshielded, no LED, 3-conductor	BCC M61C-0000-10-065-PX0BP4①-__ _②	
Approval/Conformity	EAC	
For drawing see page	141	

M23 female, 12-pin



- PIN 1: white
- PIN 2: green
- PIN 3: yellow
- PIN 4: gray
- PIN 5: gray/pink
- PIN 6: red/blue
- PIN 7: white/green
- PIN 8: brown/green
- PIN 9: blue
- PIN 10: blue
- PIN 11: brown
- PIN 12: green/yellow

1

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12

M23 female, 19-pin



- PIN 1: purple
- PIN 2: red
- PIN 3: gray
- PIN 4: red/blue
- PIN 5: green
- PIN 6: blue
- PIN 7: gray/pink
- PIN 8: white/green
- PIN 9: white/yellow
- PIN 10: white/gray
- PIN 11: black
- PIN 12: green/yellow
- PIN 13: yellow/brown
- PIN 14: brown/green
- PIN 15: white
- PIN 16: yellow
- PIN 17: pink
- PIN 18: gray/brown
- PIN 19: brown

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BCC M62C ...	BCC M61L ...	BCC M62L ...
M23 female, 12-pin	M23 female, 19-pin	M23 female, 19-pin
angled	straight	angled
250 V AC/DC	125 V AC/DC	125 V AC/DC
8 A	3 × 10 A/16 × 8 A	3 × 10 A/16 × 8 A
IP67	IP67	IP67
BCC M62C-0000-10-065-PX0BP4①-__ _②	BCC M61L-0000-10-022-PX0LP4①-__ _②	BCC M62L-0000-10-022-PX0LP4①-__ _②
EAC	CE, EAC	CE, EAC
141	142	142

①	Material	Color	Number of conductors × conductor cross-section	Cable temperature fixed in place	Cable temperature flexed
UNSHIELDED					
PX0BP4	PUR	Black	3 × 1.0 mm ² 8 × 0.5 mm ²	−50...+80 °C	−25...+80 °C
PX0LP4	PUR	Black	3 × 1.0 mm ² 16 × 0.5 mm ²	−50...+80 °C	−25...+80 °C

②	Cable length
CONNECTION CABLE	
020	2 m
050	5 m
100	10 m

Other cable lengths on request!



	BCC0069 BKS-S 48-15-CP-02	BCC006A BKS-S 48-15-CP-05	
Connection	M8x1-Female, straight, 3-pole, A-coded	M8x1-Female, straight, 3-pole, A-coded	
Power indicator	—	—	
Function indicator (Pin 2)	—	—	
Function indicator (Pin 3)	—	—	
Function indicator (Pin 4)	—	—	
Suppressor	—	—	
Interface	—	—	
Cable	PUR Shielded black, 2.00 m	PUR Shielded black, 5.00 m	
Number of conductors	2	2	
Cable temperature, fixed routing	-40...70 °C	-40...70 °C	
Cable temperature, flexible routing	5...70 °C	5...70 °C	
Operating voltage U _b	36 VDC / 30 VAC	36 VDC / 30 VAC	
Rated current (40 °C)	3.0 A	3.0 A	
Protection degree	IP67	IP67	
Approval/Conformity	CE, EAC	CE, EAC	
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	BCC006C BKS-S 48-15-CP-10	BCC0098 BKS-S137-19-PC-02	BCC0099 BKS-S137-19-PC-05	BCC009A BKS-S137-19-PC-10
	M8x1-Female, straight, 3-pole, A-coded	M12x1-Female, straight, 5-pole, A-coded	M12x1-Female, straight, 5-pole, A-coded	M12x1-Female, straight, 5-pole, A-coded
	—	—	—	—
	—	—	—	—
	—	—	—	—
	—	—	—	—
	—	—	—	—
	—	—	—	—
	PUR Shielded black, 10.00 m	PUR Shielded black, 2.00 m, Drag chain compatible	PUR Shielded black, 5.00 m, Drag chain compatible	PUR Shielded black, 10.00 m, Drag chain compatible
	2	5	5	5
	-40...70 °C	-50...80 °C	-50...80 °C	-50...80 °C
	5...70 °C	-25...80 °C	-25...80 °C	-25...80 °C
	36 VDC / 30 VAC	36 VDC / 30 VAC	36 VDC / 30 VAC	36 VDC / 30 VAC
	3.0 A	4.0 A	4.0 A	4.0 A
	IP67	IP68	IP68	IP68
	CE, EAC	CE, EAC	CE, EAC	CE, EAC
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	BCC00ZN BKS-S151-19-PC-02	BCC00ZP BKS-S151-19-PC-05	
Connection	M12x1-Male, straight, 5-pole, A-coded	M12x1-Male, straight, 5-pole, A-coded	
Power indicator	—	—	
Function indicator (Pin 2)	—	—	
Function indicator (Pin 3)	—	—	
Function indicator (Pin 4)	—	—	
Suppressor	—	—	
Interface	—	—	
Cable	PUR Shielded black, 2.00 m, Drag chain compatible	PUR Shielded black, 5.00 m, Drag chain compatible	
Number of conductors	5	5	
Cable temperature, fixed routing	-50...80 °C	-50...80 °C	
Cable temperature, flexible routing	-25...80 °C	-25...80 °C	
Operating voltage U _b	30 VDC / 36 VAC	36 VDC / 30 VAC	
Rated current (40 °C)	4.0 A	4.0 A	
Protection degree	IP68	IP68	
Approval/Conformity	CE, EAC	CE, EAC	
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	BCC00ZR BKS-S151-19-PC-10	BCC00TU BKS-S 32M-02	BCC00TY BKS-S 32M-05	BCC00TZ BKS-S 32M-10
	M12x1-Male, straight, 5-pole, A-coded	M16x0.75-Female, straight, 8-pole	M16x0.75-Female, straight, 8-pole	M16x0.75-Female, straight, 8-pole
	—	—	—	—
	—	—	—	—
	—	—	—	—
	—	—	—	—
	—	—	—	—
	PUR Shielded black, 10.00 m, Drag chain compatible	PUR Shielded black, 2.00 m, Drag chain compatible	PUR Shielded black, 5.00 m, Drag chain compatible	PUR Shielded black, 10.00 m, Drag chain compatible
	5	8	8	8
	-50...80 °C	-50...80 °C	-50...80 °C	-50...80 °C
	-25...80 °C	-25...80 °C	-25...80 °C	-25...80 °C
	36 VDC / 30 VAC	60 VDC / 60 VAC	60 VDC / 60 VAC	60 VDC / 60 VAC
	4.0 A	5.0 A	5.0 A	5.0 A
	IP68	IP67	IP67	IP67
	CE, EAC	CE, EAC	CE, EAC	CE, EAC
	Page 144	Page 144	Page 144	Page 144



	BCC00UR BKS-S 33M-02	BCC00UU BKS-S 33M-05	
Connection	M16x0.75-Female, angled, 8-pole	M16x0.75-Female, angled, 8-pole	
Power indicator	—	—	
Function indicator (Pin 2)	—	—	
Function indicator (Pin 3)	—	—	
Function indicator (Pin 4)	—	—	
Suppressor	—	—	
Interface	—	—	
Cable	PUR Shielded black, 2.00 m, Drag chain compatible	PUR Shielded black, 5.00 m, Drag chain compatible	
Number of conductors	8	8	
Cable temperature, fixed routing	-50...80 °C	-50...80 °C	
Cable temperature, flexible routing	-25...80 °C	-25...80 °C	
Operating voltage U _b	60 VDC / 60 VAC	60 VDC / 60 VAC	
Rated current (40 °C)	5.0 A	5.0 A	
Protection degree	IP67	IP67	
Approval/Conformity	CE, EAC	CE, EAC	
Productview	Page 144	Page 144	



	BCC00UW BKS-S 33M-10	BCC00YE BKS-S115-PU-02	BCC00YF BKS-S115-PU-05	BCC00YH BKS-S115-PU-10
	M16x0.75-Female, angled, 8-pole	M12x1-Female, straight, 8-pole, A-coded	M12x1-Female, straight, 8-pole, A-coded	M12x1-Female, straight, 8-pole, A-coded
	—	—	—	—
	—	—	—	—
	—	—	—	—
	—	—	—	—
	—	—	—	—
	—	—	—	—
	PUR Shielded black, 10.00 m, Drag chain compatible	PUR Shielded black, 2.00 m, Drag chain compatible	PUR Shielded black, 5.00 m, Drag chain compatible	PUR Shielded black, 10.00 m, Drag chain compatible
	8	8	8	8
	-50...80 °C	-50...80 °C	-50...80 °C	-50...80 °C
	-25...80 °C	-25...80 °C	-25...80 °C	-25...80 °C
	60 VDC / 60 VAC	36 VDC / 30 VAC	36 VDC / 30 VAC	36 VDC / 30 VAC
	5.0 A	2.0 A	2.0 A	2.0 A
	IP67	IP68	IP68	IP68
	CE, EAC	CE, EAC	CE, EAC	CE, EAC
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	BCC0102 BKS-S232-PU-02	BCC0103 BKS-S232-PU-05	
Connection	M16x0.75-Female, straight, 8-pole	M16x0.75-Female, straight, 8-pole	
Power indicator	—	—	
Function indicator (Pin 2)	—	—	
Function indicator (Pin 3)	—	—	
Function indicator (Pin 4)	—	—	
Suppressor	—	—	
Interface	—	—	
Cable	PUR Shielded black, 2.00 m, Drag chain compatible	PUR Shielded black, 5.00 m, Drag chain compatible	
Number of conductors	8	8	
Cable temperature, fixed routing	-50...80 °C	-50...80 °C	
Cable temperature, flexible routing	-25...80 °C	-25...80 °C	
Operating voltage U _b	60 VDC / 60 VAC	60 VDC / 60 VAC	
Rated current (40 °C)	5.0 A	5.0 A	
Protection degree	IP67	IP67	
Approval/Conformity	CE, EAC	CE, EAC	
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	BCC0104 BKS-S232-PU-10	BCC010E BKS-S233-PU-02	BCC010F BKS-S233-PU-05	BCC010H BKS-S233-PU-10
	M16x0.75-Female, straight, 8-pole	M16x0.75-Female, angled, 8-pole	M16x0.75-Female, angled, 8-pole	M16x0.75-Female, angled, 8-pole
	—	—	—	—
	—	—	—	—
	—	—	—	—
	—	—	—	—
	—	—	—	—
	PUR Shielded black, 10.00 m, Drag chain compatible	PUR Shielded black, 2.00 m, Drag chain compatible	PUR Shielded black, 5.00 m, Drag chain compatible	PUR Shielded black, 10.00 m, Drag chain compatible
	8	8	8	8
	-50...80 °C	-50...80 °C	-50...80 °C	-50...80 °C
	-25...80 °C	-25...80 °C	-25...80 °C	-25...80 °C
	60 VDC / 60 VAC	60 VDC / 60 VAC	60 VDC / 60 VAC	60 VDC / 60 VAC
	5.0 A	5.0 A	5.0 A	5.0 A
	IP67	IP67	IP67	IP67
	CE, EAC	CE, EAC	CE, EAC	CE, EAC
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	BCC0F4J BCC HB75-0000-PA-121-VX85B5-020	BCC0F4K BCC HB75-0000-PA-121-VX85B5-050	
Connection	Push-Pull Power-Female, straight, 5-pole	Push-Pull Power-Female, straight, 5-pole	
Power indicator	—	—	
Function indicator (Pin 2)	—	—	
Function indicator (Pin 3)	—	—	
Function indicator (Pin 4)	—	—	
Suppressor	—	—	
Interface	—	—	
Cable	PVC gray, 2.00 m	PVC gray, 5.00 m	
Number of conductors	5	5	
Cable temperature, fixed routing	-40...70 °C	-40...70 °C	
Cable temperature, flexible routing	-5...70 °C	-5...70 °C	
Operating voltage U _b	24 VDC	24 VDC	
Rated current (40 °C)	16.0 A	16.0 A	
Protection degree	IP67	IP67	
Approval/Conformity	CE, EAC	CE, EAC	
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	BCCOF4L BCC HB75-0000-PA-121-VX85B5-100	BCCOKL6 BCC Z032-0000-10-148-VS0CT4-050	BCCOKL7 BCC Z032-0000-10-148-VS0CT4-100	BCCOKL8 BCC Z032-0000-10-148-VS0CT4-200
	Push-Pull Power-Female, straight, 5-pole	Special connector-Female, straight, 12-pole	Special connector-Female, straight, 12-pole	Special connector-Female, straight, 12-pole
	—	—	—	—
	—	—	—	—
	—	—	—	—
	—	—	—	—
	—	—	—	—
	PVC gray, 10.00 m	PVC Shielded black, 5.00 m	PVC Shielded black, 10.00 m	PVC Shielded black, 20.00 m
	5	12	12	12
	-40...70 °C	-30...80 °C	-30...80 °C	-30...80 °C
	-5...70 °C	-15...80 °C	-15...80 °C	-15...80 °C
	24 VDC	140 VDC / 100 VAC	140 VDC / 100 VAC	140 VDC / 100 VAC
	16.0 A	2.0 A	2.0 A	2.0 A
	IP67	IP50	IP50	IP50
	CE, EAC	EAC, CE	EAC, CE	EAC, CE
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	BAM01HL BIS U-500-EF-01	BAM01HM BIS U-500-EF-02	
Connection 1	R-TNC connector 7/16"-28 UN-EF-Female, straight, 1-pole	R-TNC connector 7/16"-28 UN-EF-Female, straight, 1-pole	
Connection 2	R-TNC connector 7/16"-28 UN-EF-Male, straight	R-TNC connector 7/16"-28 UN-EF-Male, straight	
Power indicator	—	—	
Function indicator (Pin 2)	—	—	
Function indicator (Pin 3)	—	—	
Function indicator (Pin 4)	—	—	
Suppressor	—	—	
Interface	—	—	
Cable	FRPE Shielded black, 1.00 m	FRPE Shielded black, 2.00 m	
Number of conductors	1	1	
Cable temperature, fixed routing	-40...85 °C	-40...85 °C	
Cable temperature, flexible routing	—	—	
Operating voltage U _b	—	—	
Rated current (40 °C)	—	—	
Protection degree	IP68	IP68	
Approval/Conformity	CE, CSA, cURus, EAC	CE, CSA, cURus, EAC	
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	BAM01YR BIS U-500-EF-03	BAM01HN BIS U-500-EF-05	BAM01HP BIS U-500-EF-10	BAM01WN BIS U-500-EF-15
	R-TNC connector 7/16"-28 UN-EF-Female, straight, 1-pole	R-TNC connector 7/16"-28 UN-EF-Female, straight, 1-pole	R-TNC connector 7/16"-28 UN-EF-Female, straight, 1-pole	R-TNC connector 7/16"-28 UN-EF-Female, straight, 1-pole
	R-TNC connector 7/16"-28 UN-EF-Male, straight	R-TNC connector 7/16"-28 UN-EF-Male, straight	R-TNC connector 7/16"-28 UN-EF-Male, straight	R-TNC connector 7/16"-28 UN-EF-Male, straight
	—	—	—	—
	—	—	—	—
	—	—	—	—
	—	—	—	—
	—	—	—	—
	FRPE Shielded black	FRPE Shielded black, 5.00 m	FRPE Shielded black, 10.00 m	FRPE Shielded black
	1	1	1	1
	-40...85 °C	-40...85 °C	-40...85 °C	-40...85 °C
	—	—	—	—
	—	—	—	—
	—	—	—	—
	IP68	IP68	IP68	IP68
	CE, CSA, cURus, EAC	CE, CSA, cURus, EAC	CE, CSA, cURus, EAC	CE, CSA, cURus, EAC
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	BAM01WP BIS U-500-EF-20	BCC0F4W BCC HA78-HA78-9D-334-PS54N2-020	
Connection 1	R-TNC connector 7/16"-28 UN-EF-Female, straight, 1-pole	Push-Pull RJ45-Male, straight, 8-pole	
Connection 2	R-TNC connector 7/16"-28 UN-EF-Male, straight	Push-Pull RJ45-Male, straight, 8-pole	
Power indicator	—	—	
Function indicator (Pin 2)	—	—	
Function indicator (Pin 3)	—	—	
Function indicator (Pin 4)	—	—	
Suppressor	—	—	
Interface	—	Profinet	
Cable	FRPE Shielded black	PUR Shielded Green, 2.00 m, Drag chain compatible	
Number of conductors	1	4	
Cable temperature, fixed routing	-40...85 °C	-40...80 °C	
Cable temperature, flexible routing	—	-20...60 °C	
Operating voltage Ub	—	50 VDC	
Rated current (40 °C)	—	1.0 A	
Protection degree	IP68	IP20/IP20	
Approval/Conformity	CE, CSA, cURus, EAC	CE, EAC	
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	BCC0F4Y BCC HA78-HA78-9D-334-PS54N2-050	BCC0F4Z BCC HA78-HA78-9D-334-PS54N2-100	BCC0F52 BCC HA72-HA72-9A-371-PX52L2-020	BCC0F53 BCC HA72-HA72-9A-371-PX52L2-050
	Push-Pull RJ45-Male, straight, 8-pole	Push-Pull RJ45-Male, straight, 8-pole	Push-Pull SCRJ-Male, straight, 2-pole	Push-Pull SCRJ-Male, straight, 2-pole
	Push-Pull RJ45-Male, straight, 8-pole	Push-Pull RJ45-Male, straight, 8-pole	Push-Pull SCRJ-Male, straight, 2-pole	Push-Pull SCRJ-Male, straight, 2-pole
	—	—	—	—
	—	—	—	—
	—	—	—	—
	—	—	—	—
	—	—	—	—
	Profinet	Profinet	Profinet	Profinet
	PUR Shielded Green, 5.00 m, Drag chain compatible	PUR Shielded Green, 10.00 m, Drag chain compatible	PUR Green, 2.00 m	PUR Green, 5.00 m
	4	4	2	2
	-40...80 °C	-40...80 °C	-20...70 °C	-20...70 °C
	-20...60 °C	-20...60 °C	—	—
	50 VDC	50 VDC	—	—
	1.0 A	1.0 A	—	—
	IP20/IP20	IP20/IP20	IP67/IP67	IP67/IP67
	CE, EAC	CE, EAC	EAC	EAC
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	BCC0F54 BCC HA72-HA72-9A-371-PX52L2-100	BCC00N2 BIS C-505-PU-05	
Connection 1	Push-Pull SCRJ-Male, straight, 2-pole	M12x1-Female, straight, 5-pole, A-coded	
Connection 2	Push-Pull SCRJ-Male, straight, 2-pole	M12x1-Female, straight, 5-pole, A-coded	
Power indicator	—	—	
Function indicator (Pin 2)	—	—	
Function indicator (Pin 3)	—	—	
Function indicator (Pin 4)	—	—	
Suppressor	—	—	
Interface	Profinet	—	
Cable	PUR Green, 10.00 m	PUR Shielded black, 5.00 m	
Number of conductors	2	2	
Cable temperature, fixed routing	-20...70 °C	-40...70 °C	
Cable temperature, flexible routing	—	5...70 °C	
Operating voltage U _b	—	250 VDC / 250 VAC	
Rated current (40 °C)	—	4.0 A	
Protection degree	IP67/IP67	IP65	
Approval/Conformity	EAC	EAC	
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	BCC00N3 BIS C-505-PU-10	BCC00N7 BIS C-506-PU-05	BCC00N8 BIS C-506-PU-10	BCC0FCK BCC M414-M414-6A-710-PS0434-003
	M12x1-Female, straight, 5-pole, A-coded	M12x1-Female, angled, 5-pole, A-coded	M12x1-Female, angled, 5-pole, A-coded	M12x1-Male, straight, 4-pole, A-coded
	M12x1-Female, straight, 5-pole, A-coded	M12x1-Female, straight, 5-pole, A-coded	M12x1-Female, straight, 5-pole, A-coded	M12x1-Male, straight, 4-pole, A-coded
	—	—	—	—
	—	—	—	—
	—	—	—	—
	—	—	—	—
	—	—	—	—
	PUR Shielded black, 10.00 m	PUR Shielded black, 5.00 m	PUR Shielded black, 10.00 m	PUR Shielded black, 0.30 m, Drag chain compatible
	2	2	2	4
	-40...70 °C	-40...70 °C	-40...70 °C	-50...80 °C
	5...70 °C	5...70 °C	5...70 °C	-25...80 °C
	250 VDC / 250 VAC	250 VDC / 250 VAC	250 VDC / 250 VAC	250 VDC / 250 VAC
	4.0 A	4.0 A	4.0 A	4.0 A
	IP65	IP67	IP67	IP68/IP68
	EAC	EAC	EAC	EAC
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	BCC00R8 BIS Z-501-PU1-02/M	BCC00R9 BIS Z-501-PU1-05/E	
Connection 1	M12x1-Female, straight, 8-pole, A-coded	M12x1-Female, straight, 8-pole, A-coded	
Connection 2	M12x1-Male, straight, 8-pole, A-coded	M12x1-Male, straight, 8-pole, A-coded	
Power indicator	—	—	
Function indicator (Pin 2)	—	—	
Function indicator (Pin 3)	—	—	
Function indicator (Pin 4)	—	—	
Suppressor	—	—	
Interface	—	—	
Cable	PUR Shielded black, 2.00 m, Drag chain compatible	PUR Shielded black, 5.00 m, Drag chain compatible	
Number of conductors	8	8	
Cable temperature, fixed routing	-50...80 °C	-50...80 °C	
Cable temperature, flexible routing	-25...80 °C	-25...80 °C	
Operating voltage U _b	30 VDC / 30 VAC	30 VDC / 30 VAC	
Rated current (40 °C)	2.0 A	2.0 A	
Protection degree	IP67/IP67	IP67/IP67	
Approval/Conformity	CE, EAC	CE, EAC	
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	BCC00RA BIS Z-501-PU1-05/M	BCC00RC BIS Z-501-PU1-10/E	BCC088T BCC M62C-M41C-3E-675-PX0C25-010	BCC088U BCC M62C-M41C-3E-675-PX0C25-020
	M12x1-Female, straight, 8-pole, A-coded	M12x1-Female, straight, 8-pole, A-coded	M23x1-Female, angled, 12-pole	M23x1-Female, angled, 12-pole
	M12x1-Male, straight, 8-pole, A-coded	M12x1-Male, straight, 8-pole, A-coded	M12x1-Male, straight, 12-pole, A-coded	M12x1-Male, straight, 12-pole, A-coded
	—	—	—	—
	—	—	—	—
	—	—	—	—
	—	—	—	—
	—	—	—	—
	PUR Shielded black, 5.00 m, Drag chain compatible	PUR Shielded black, 10.00 m, Drag chain compatible	PUR black, 1.00 m, Drag chain compatible	PUR black, 2.00 m, Drag chain compatible
	8	8	12	12
	-50...80 °C	-50...80 °C	-50...80 °C	-50...80 °C
	-25...80 °C	-25...80 °C	-25...80 °C	-25...80 °C
	30 VDC / 30 VAC	30 VDC / 30 VAC	30 VDC / 30 VAC	30 VDC / 30 VAC
	2.0 A	2.0 A	1.5 A	1.5 A
	IP67/IP67	IP67/IP67	IP67/IP68	IP67/IP68
	CE, EAC	CE, EAC	CE, EAC	CE, EAC
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	BCC088K BCC M418-M41C-3A-674-PX0825-010	BCC088L BCC M418-M41C-3A-674-PX0825-020	
Connection 1	M12x1-Female, straight, 8-pole, A-coded	M12x1-Female, straight, 8-pole, A-coded	
Connection 2	M12x1-Male, straight, 12-pole, A-coded	M12x1-Male, straight, 12-pole, A-coded	
Power indicator	—	—	
Function indicator (Pin 2)	—	—	
Function indicator (Pin 3)	—	—	
Function indicator (Pin 4)	—	—	
Suppressor	—	—	
Interface	—	—	
Cable	PUR black, 1.00 m, Drag chain compatible	PUR black, 2.00 m, Drag chain compatible	
Number of conductors	8	8	
Cable temperature, fixed routing	-50...80 °C	-50...80 °C	
Cable temperature, flexible routing	-25...80 °C	-25...80 °C	
Operating voltage U _b	30 VDC / 30 VAC	30 VDC / 30 VAC	
Rated current (40 °C)	1.5 A	1.5 A	
Protection degree	IP67, IP68, IP69K/IP67, IP68, IP69K	IP67, IP68, IP69K/IP67, IP68, IP69K	
Approval/Conformity	CE, cULus, EAC	CE, cULus, EAC	
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	BCC0F4N BCC HB75-HB75-NA-370-VX85B5-020	BCC0F4P BCC HB75-HB75-NA-370-VX85B5-050	BCC0F4R BCC HB75-HB75-NA-370-VX85B5-100	BCC0CR2 BCC M415-U024-8F-696-VX04T8-018
	Push-Pull Power-Female, straight, 5-pole	Push-Pull Power-Female, straight, 5-pole	Push-Pull Power-Female, straight, 5-pole	M12x1-Male, straight, 5-pole, A-coded
	Push-Pull Power-Female, straight, 5-pole	Push-Pull Power-Female, straight, 5-pole	Push-Pull Power-Female, straight, 5-pole	USB-A-Male, straight, 4-pole
	—	—	—	—
	—	—	—	—
	—	—	—	—
	—	—	—	—
	—	—	—	—
	PVC gray, 2.00 m	PVC gray, 5.00 m	PVC gray, 10.00 m	PVC black, 1.80 m
	5	5	5	4
	-40...70 °C	-40...70 °C	-40...70 °C	-40...105 °C
	-5...70 °C	-5...70 °C	-5...70 °C	-5...105 °C
	24 VDC	24 VDC	24 VDC	5 VDC
	16.0 A	16.0 A	16.0 A	0.1 A
	IP67/IP67	IP67/IP67	IP67/IP67	IP68/IP20
	CE, EAC	CE, EAC	CE, EAC	CE, EAC
	Page 147	Page 147	Page 147	Page 147



	BCC0KL9 BCC U0AA-U019-90-736-Z19004-010	BCC0KLA BCC U0AA-U019-90-736-Z19004-030	
Connection 1	USB 3.0 Micro-B-Male, straight, 10-pole	USB 3.0 Micro-B-Male, straight, 10-pole	
Connection 2	USB 3.0 Standard-A-Male, straight, 9-pole	USB 3.0 Standard-A-Male, straight, 9-pole	
Power indicator	—	—	
Function indicator (Pin 2)	—	—	
Function indicator (Pin 3)	—	—	
Function indicator (Pin 4)	—	—	
Suppressor	—	—	
Interface	—	—	
Cable	PVC Shielded black, 1.00 m	PVC Shielded black, 3.00 m	
Number of conductors	8	8	
Cable temperature, fixed routing	-10...80 °C	-10...80 °C	
Cable temperature, flexible routing	—	—	
Operating voltage U _b	5 VDC	5 VDC	
Rated current (40 °C)	0.1 A	0.1 A	
Protection degree	IP20/IP20	IP20/IP20	
Approval/Conformity	EAC	EAC	
Productview	Page 147	Page 147	



	BCC0KLC BCC U0AA-U019-90-736-Z19004-050			
	USB 3.0 Micro-B-Male, straight, 10-pole			
	USB 3.0 Standard-A-Male, straight, 9-pole			
	—			
	—			
	—			
	—			
	—			
	—			
	PVC Shielded black, 5.00 m			
	8			
	-10...80 °C			
	—			
	5 VDC			
	0.1 A			
	IP20/IP20			
	EAC			
	Page 147			

Sensors

RFID

Machine Vision and
Optical Identification

Human Machine
Interfaces

Systems

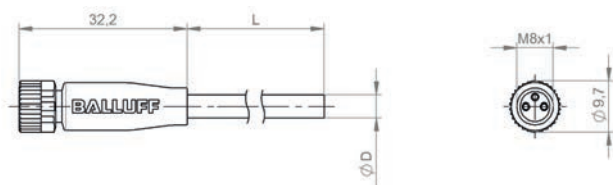
Safety

Industrial Networking

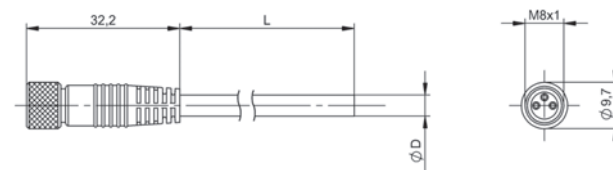
Power Supply

Connectivity

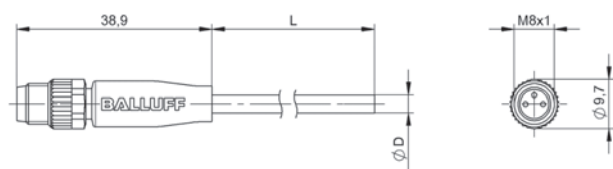
Accessories



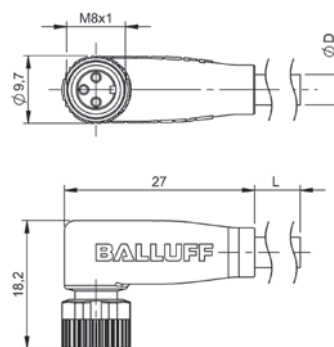
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BCC M313-0000-10-004-...



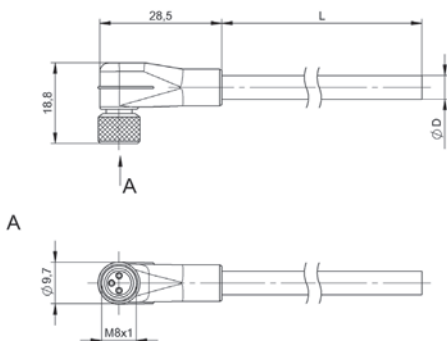
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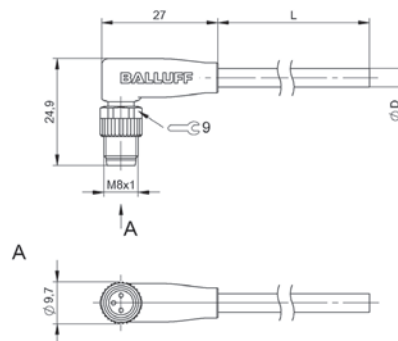
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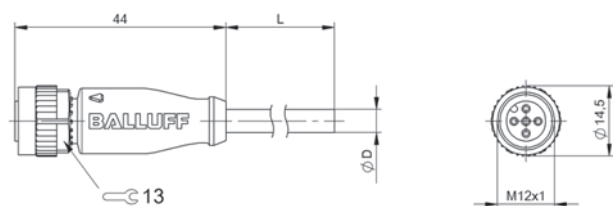
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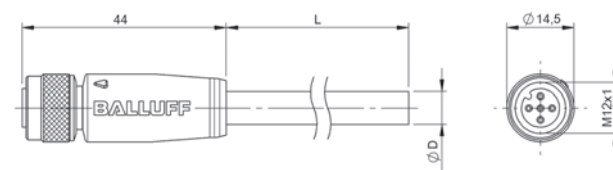
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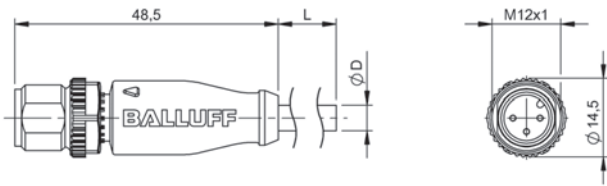
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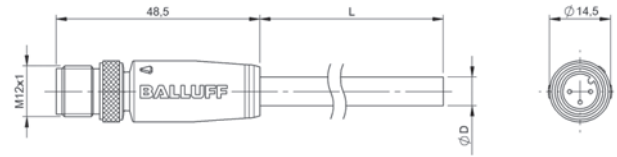
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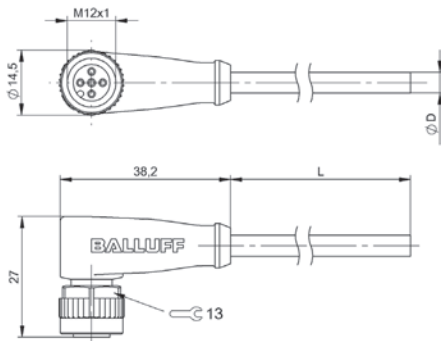
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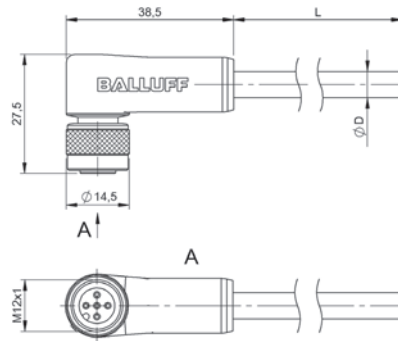
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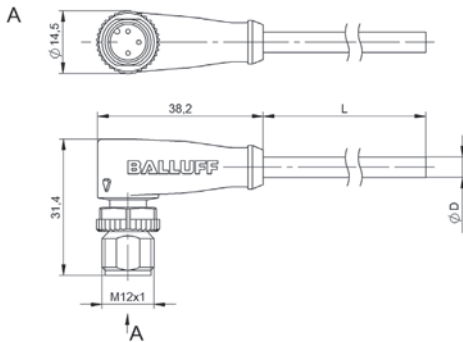
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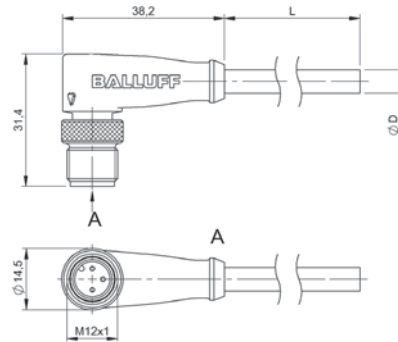
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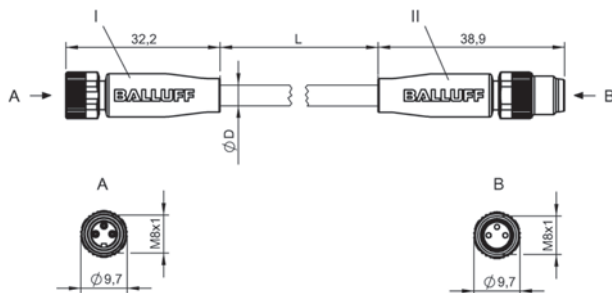
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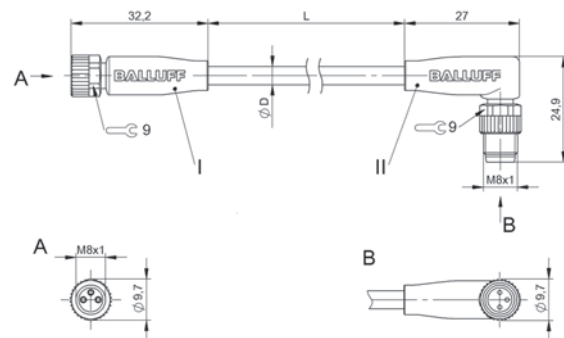
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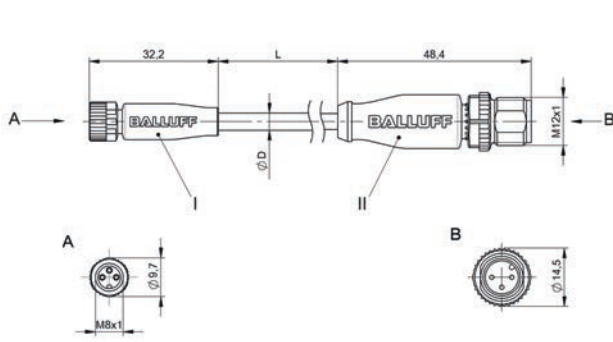
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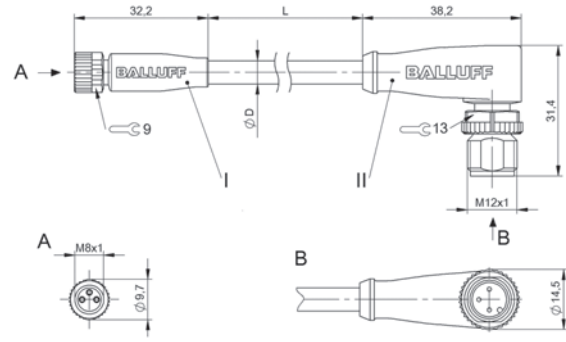
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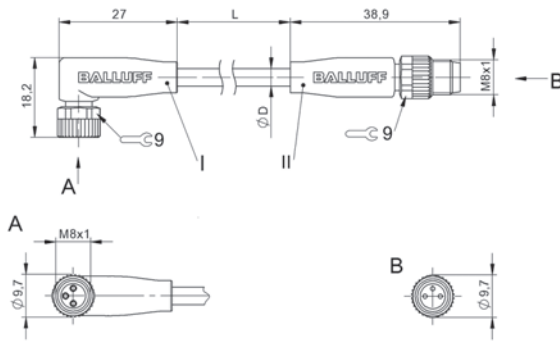
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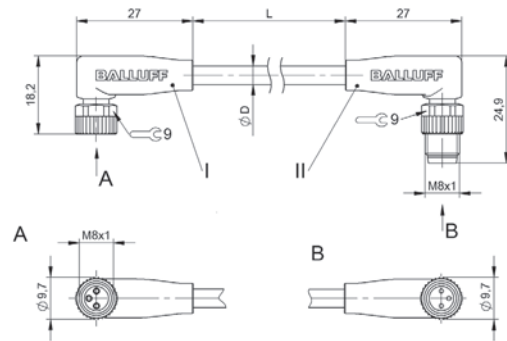


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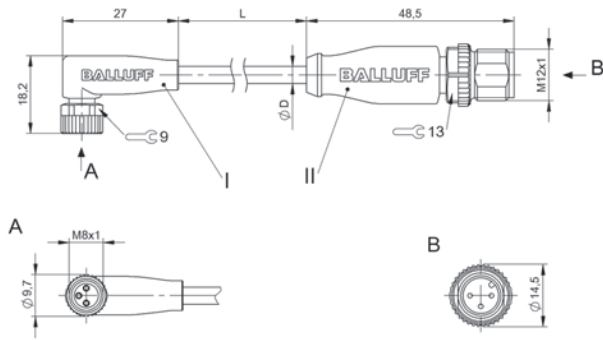


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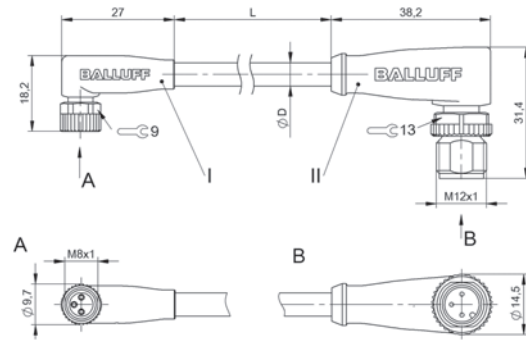


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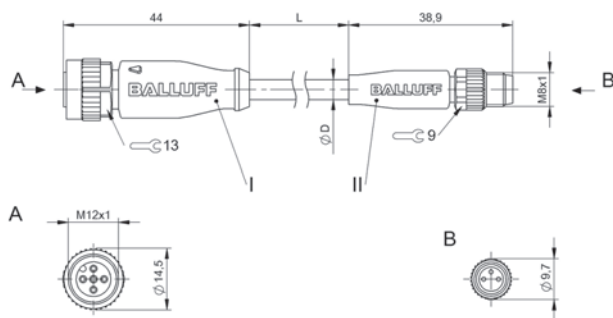


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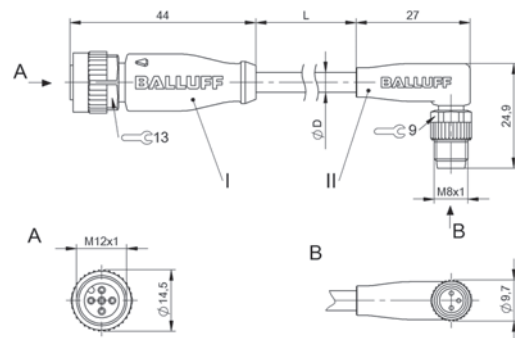
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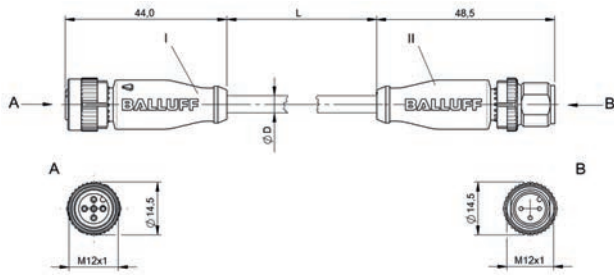
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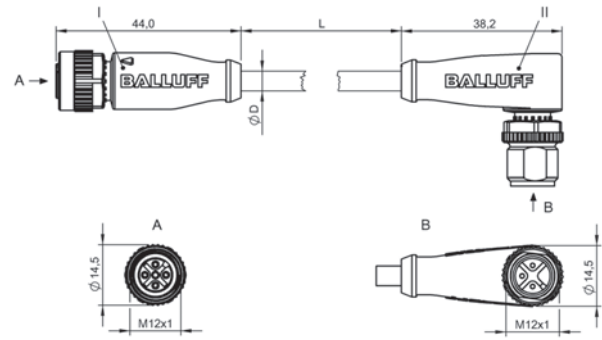
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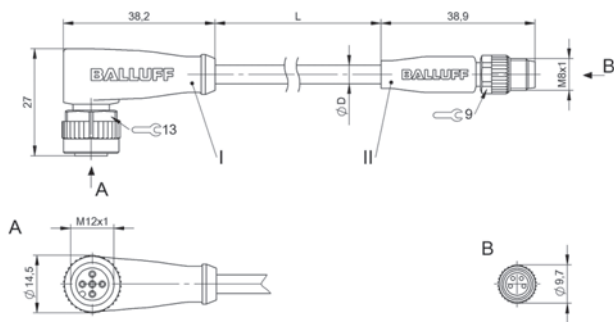
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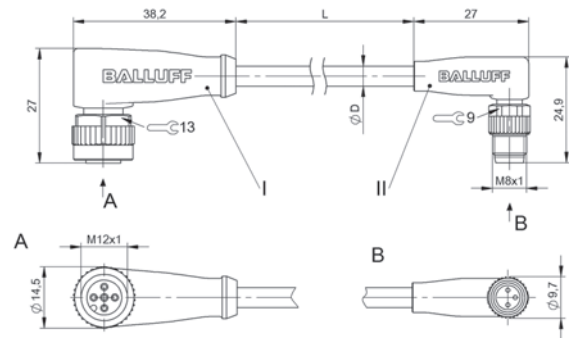


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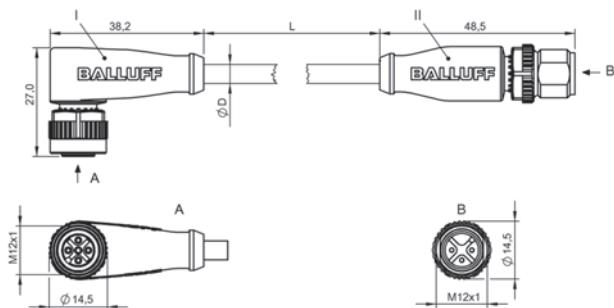
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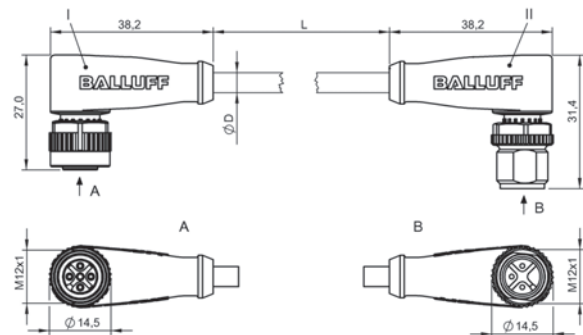
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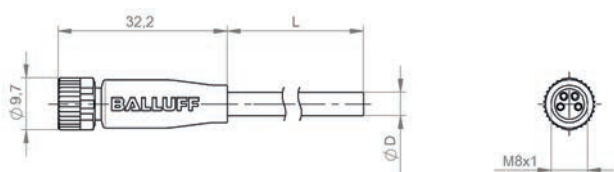


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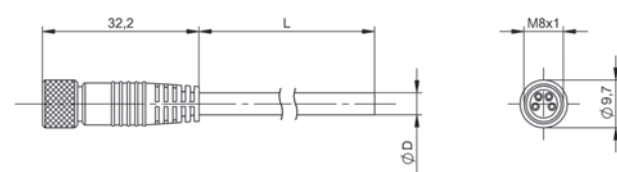
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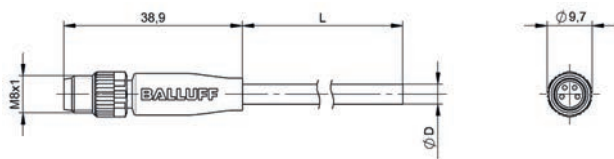
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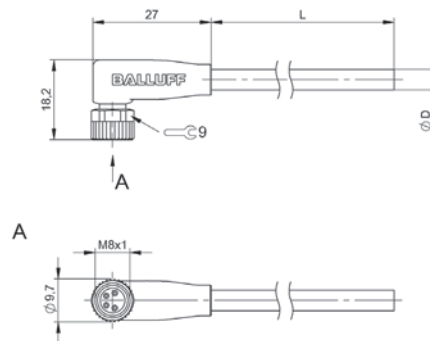
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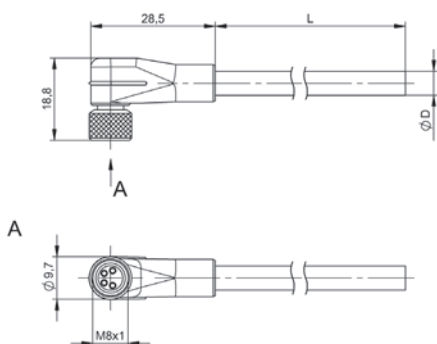
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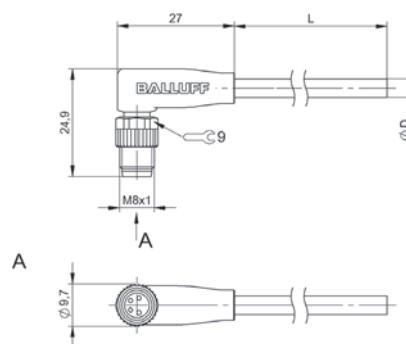
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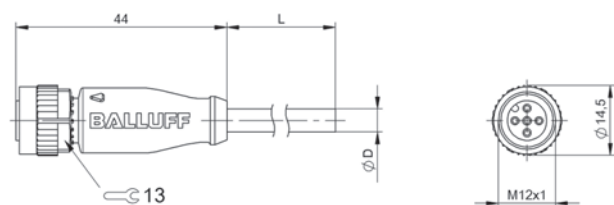
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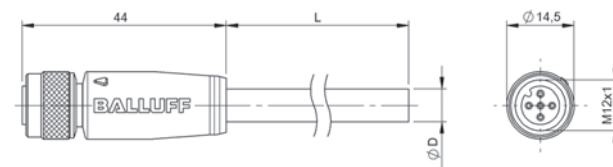
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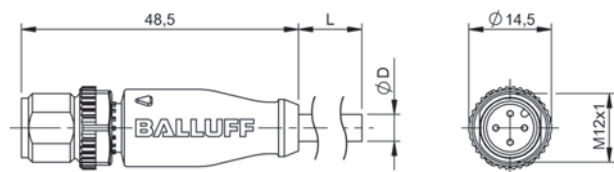
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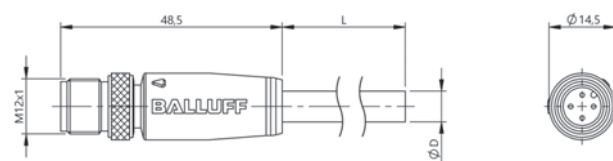
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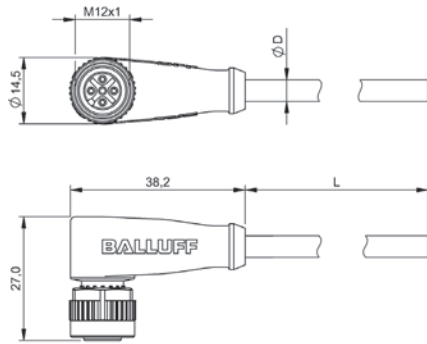
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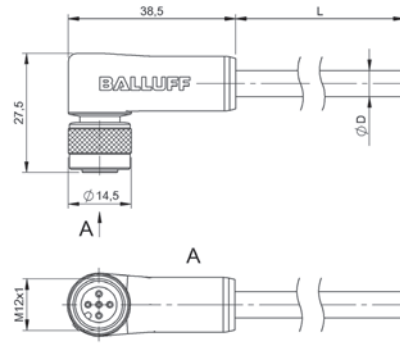
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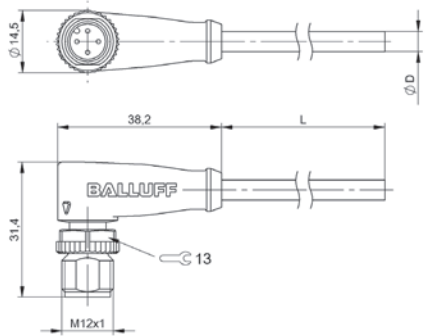
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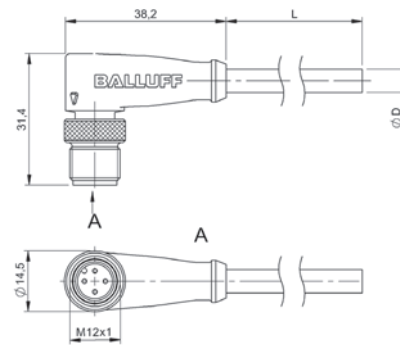
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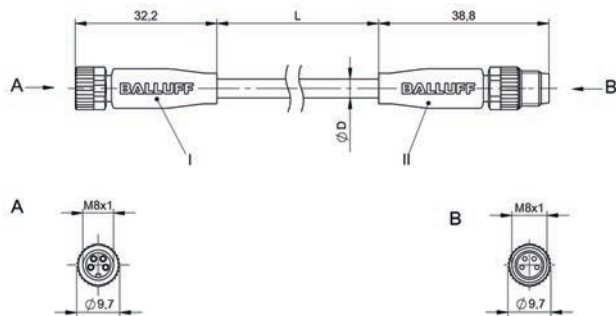
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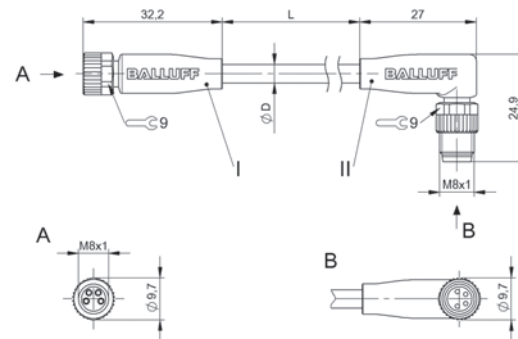
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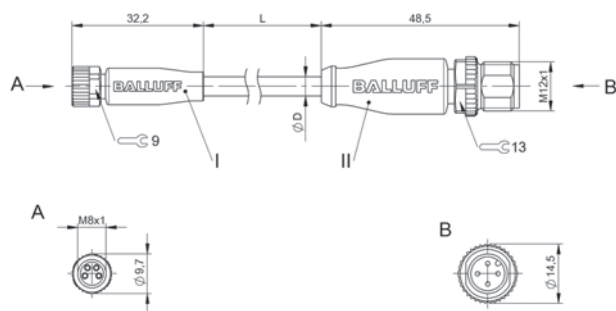
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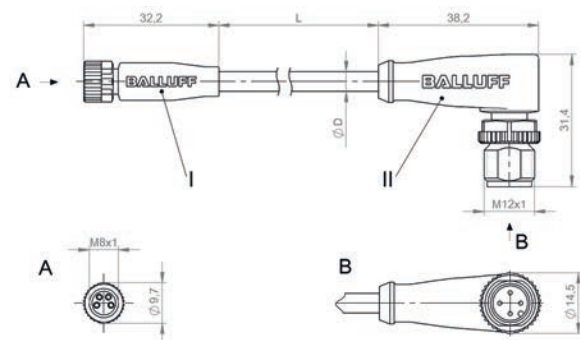
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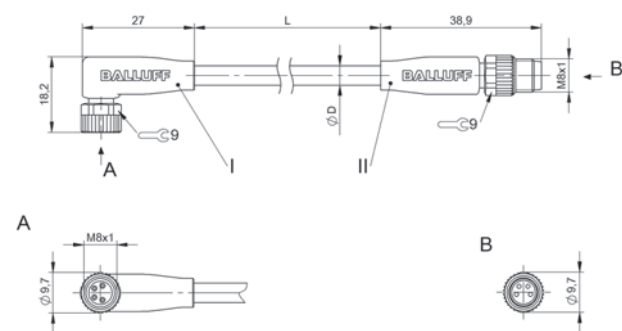
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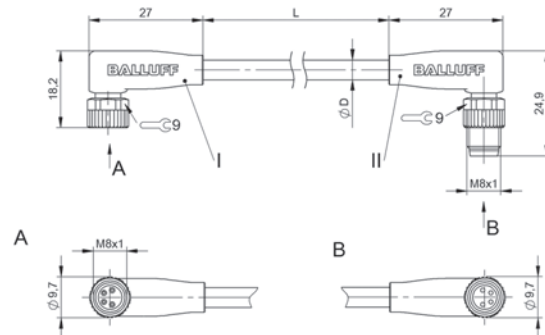
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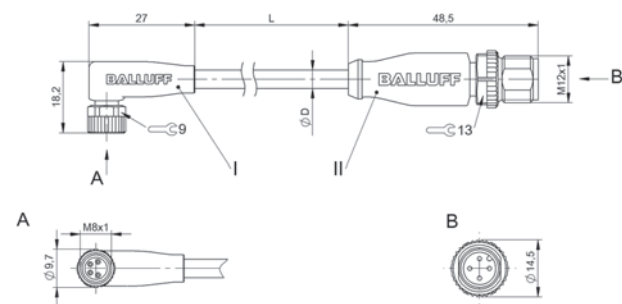
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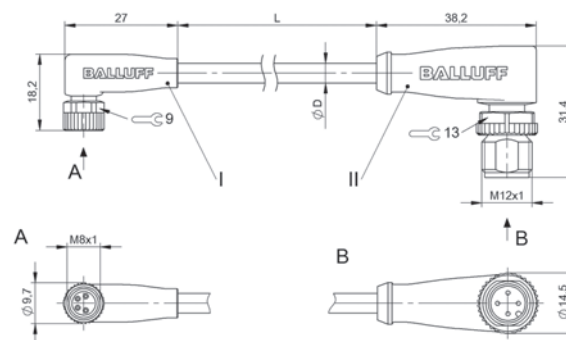
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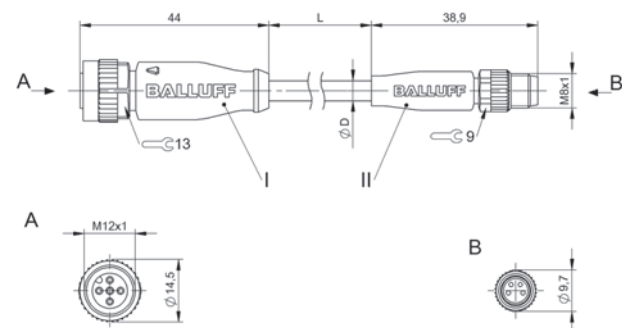
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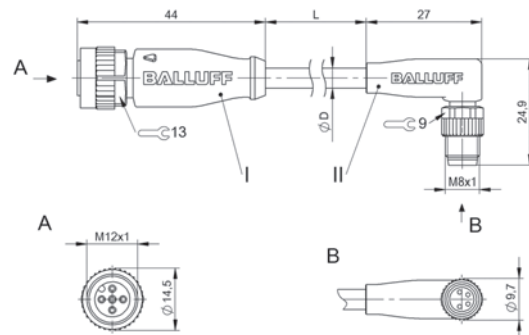
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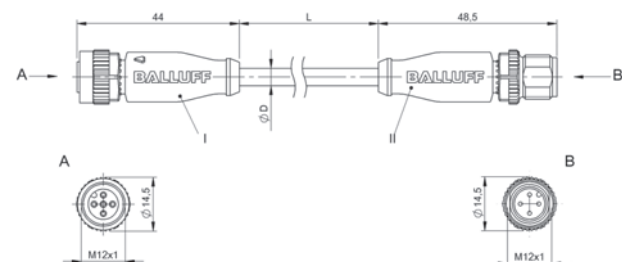
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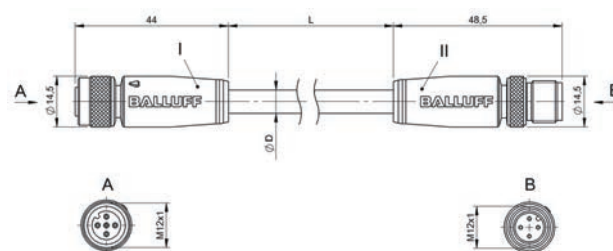


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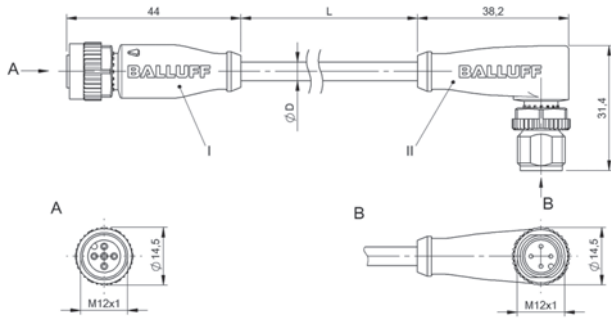


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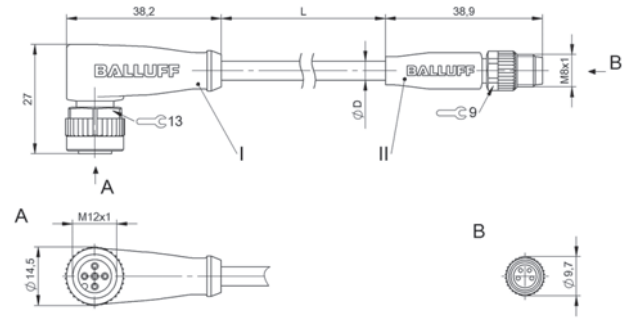
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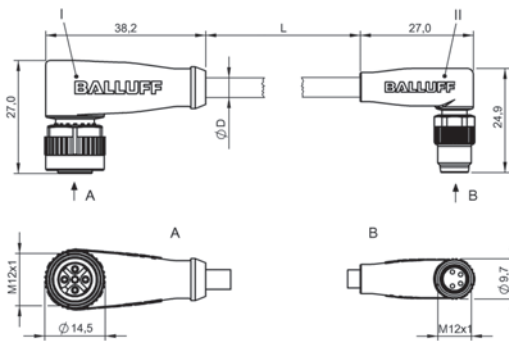
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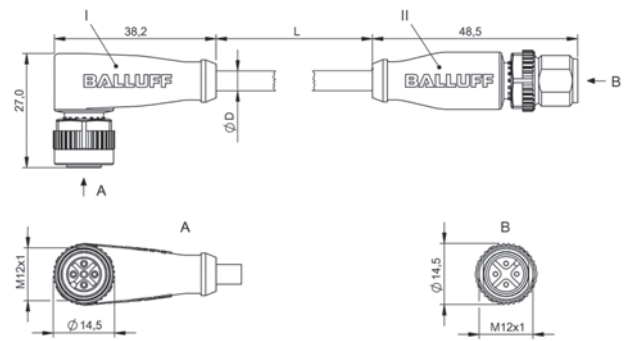
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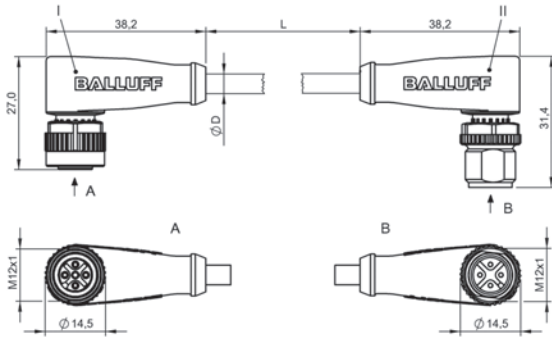


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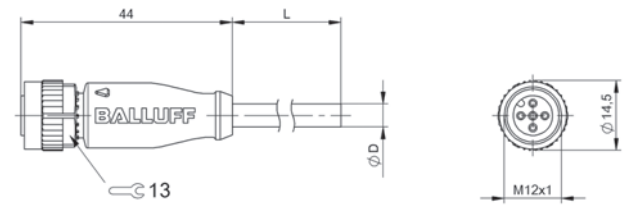


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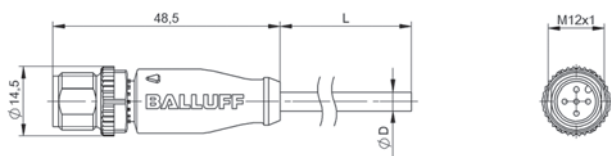


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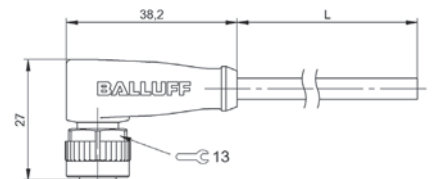
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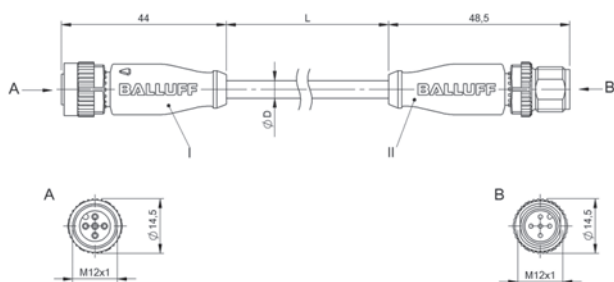


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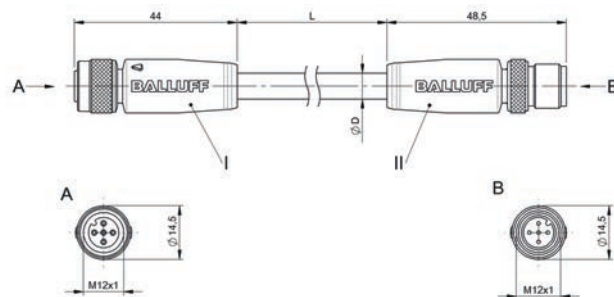
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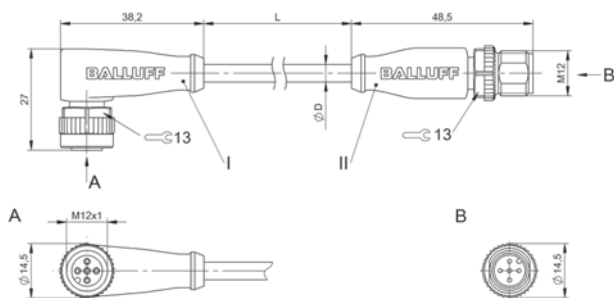
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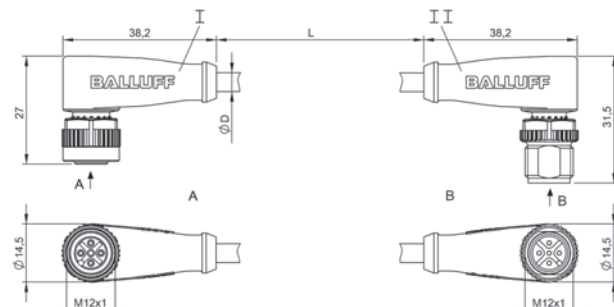
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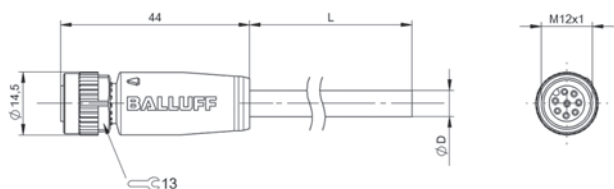
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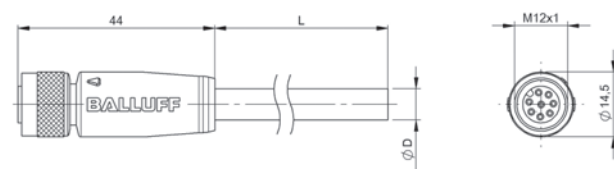
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BCC M425-M415-3A-313-PX0534-...
BCC M425-M415-3A-660-PX0534-...
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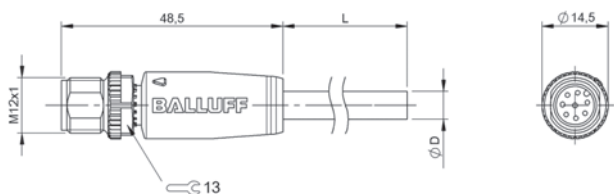
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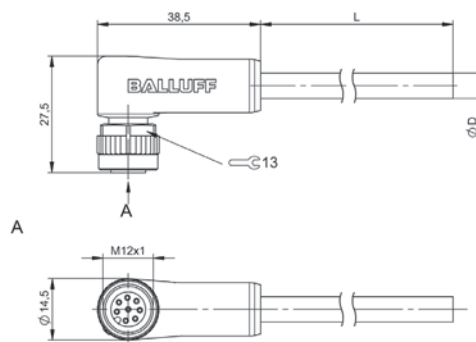
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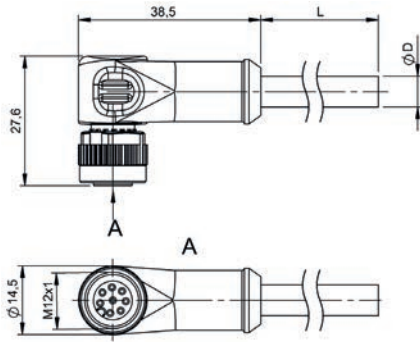
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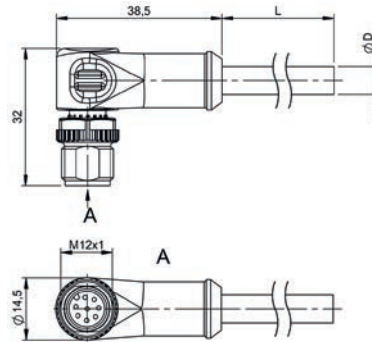
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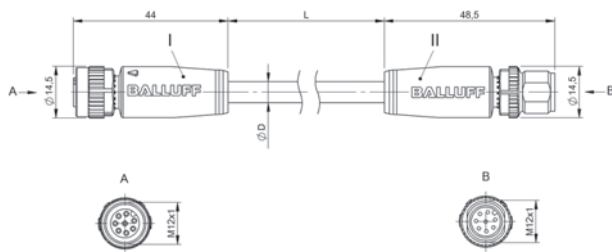
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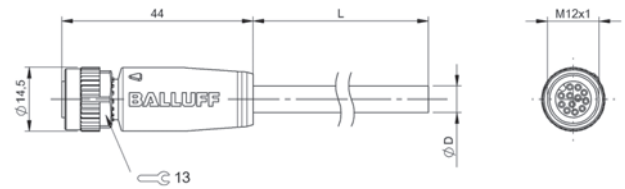
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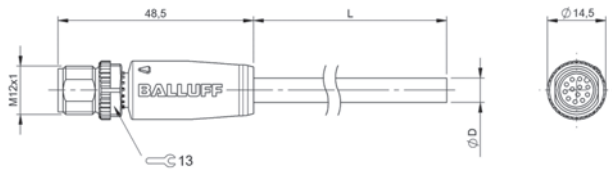
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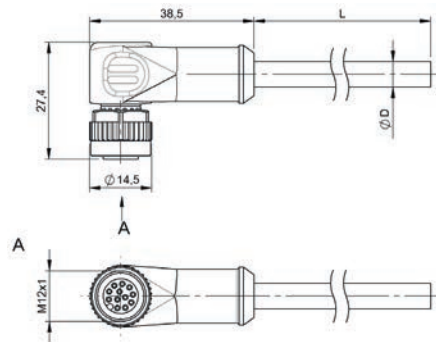
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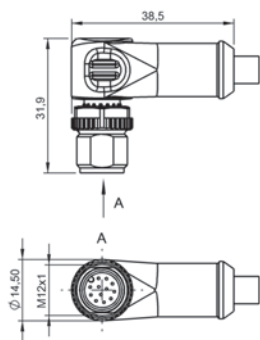
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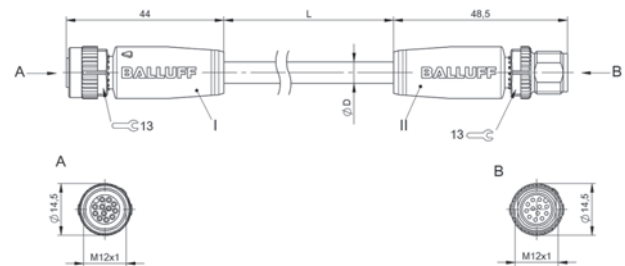
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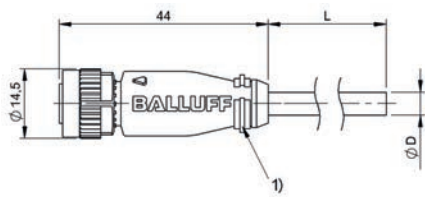
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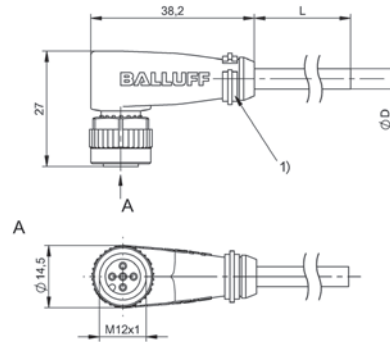


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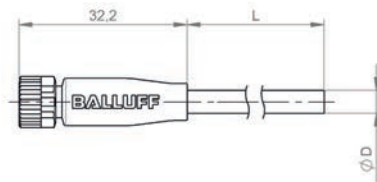
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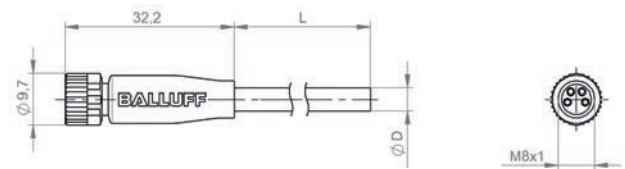


1) Identification clip, white

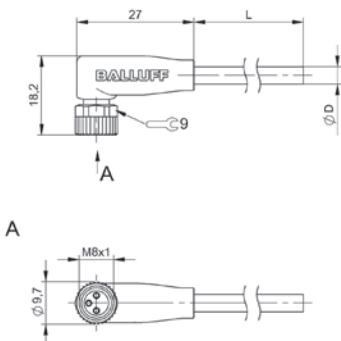
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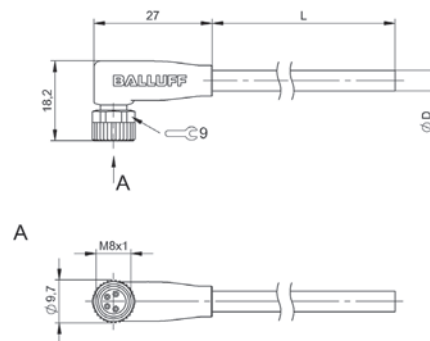
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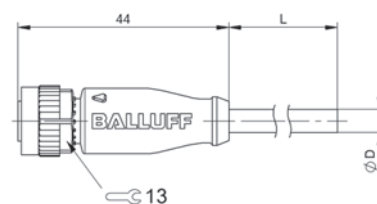
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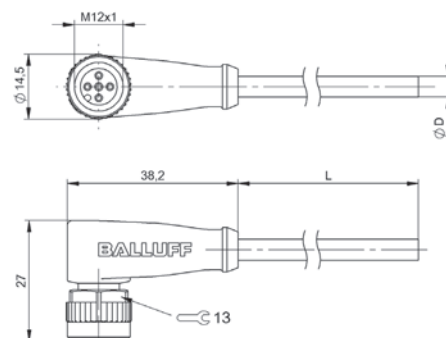
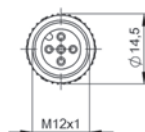
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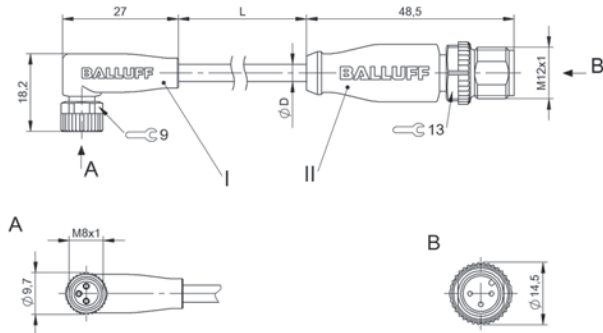
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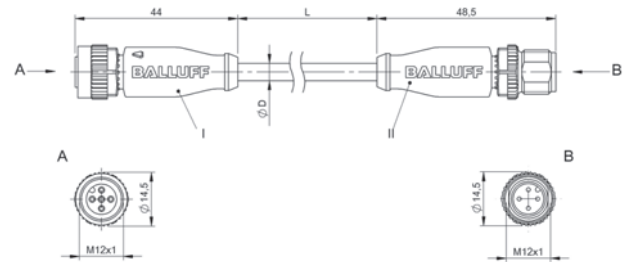
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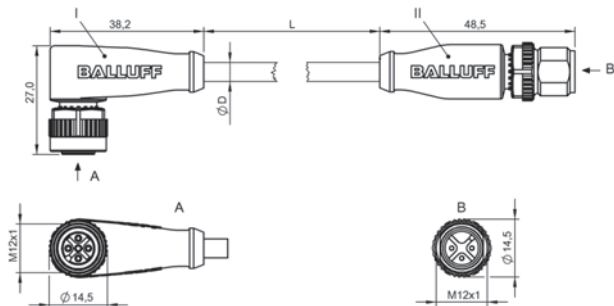


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BCC M415-M414-3A-304-PW3434-...

BCC M415-M415-3A-313-PW3534-...



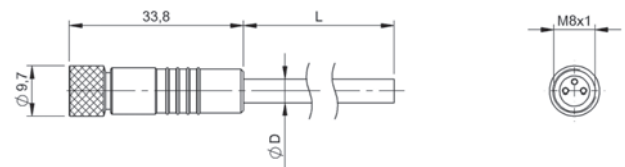
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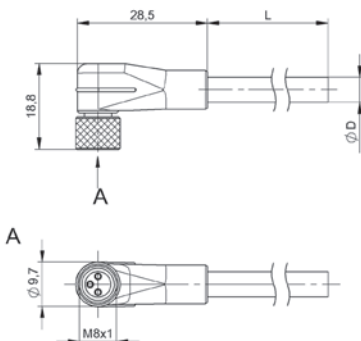
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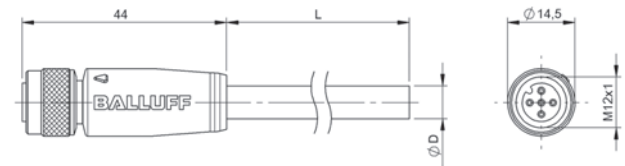
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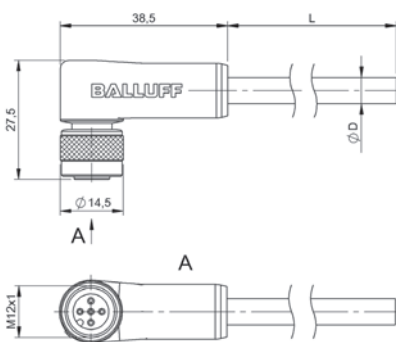


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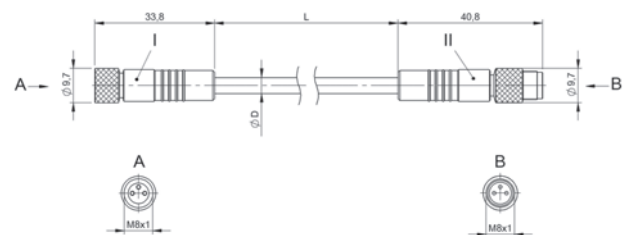
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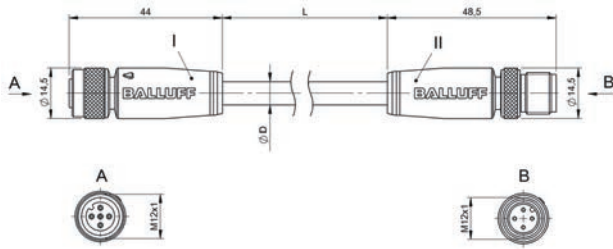
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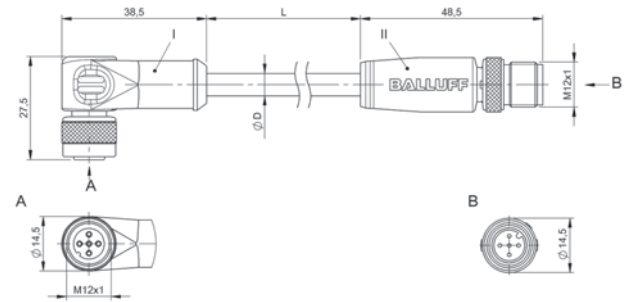
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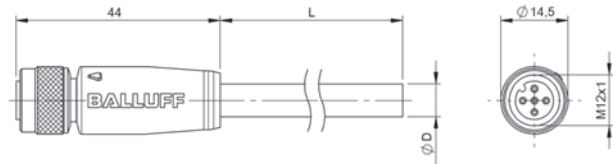
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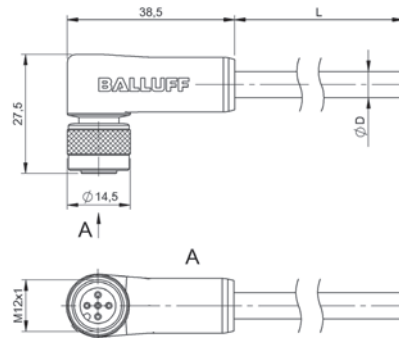
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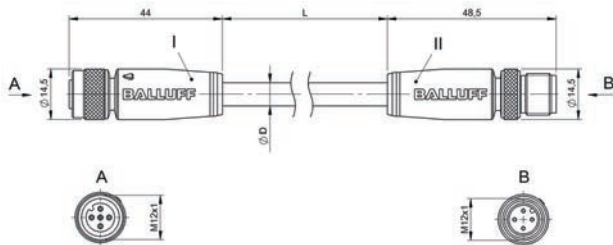
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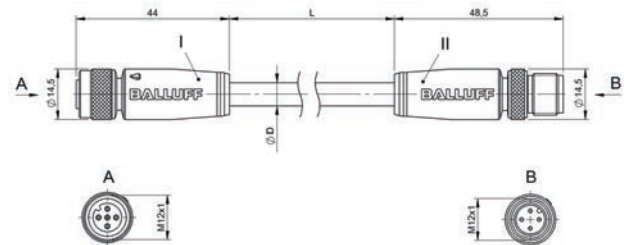


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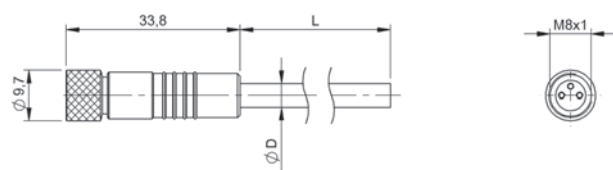
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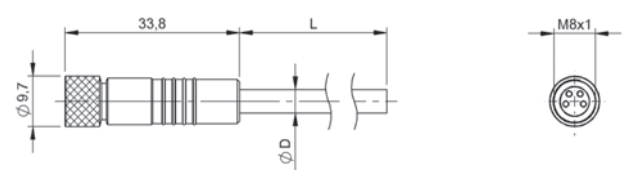


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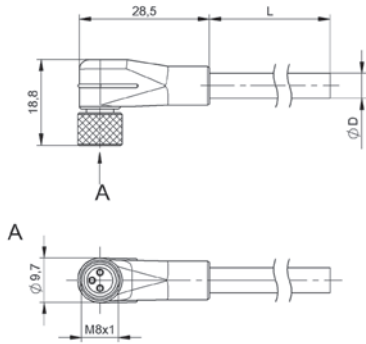
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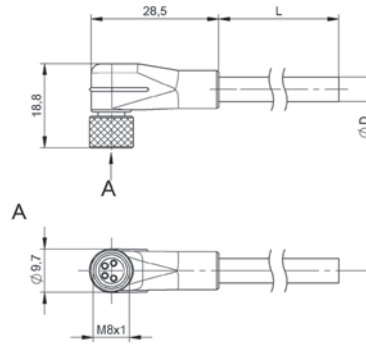
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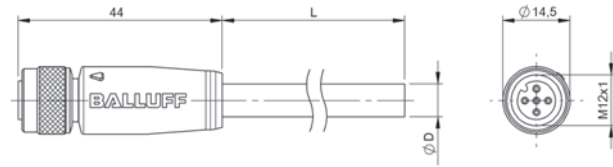
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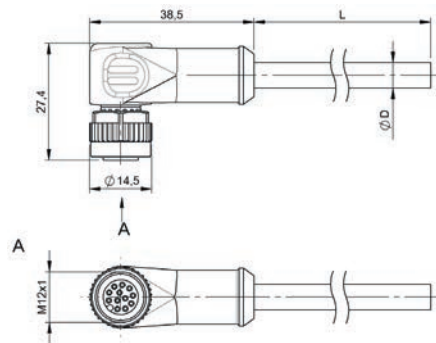
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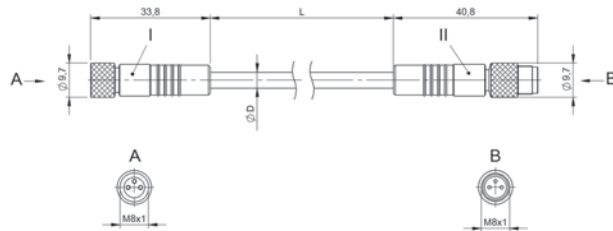
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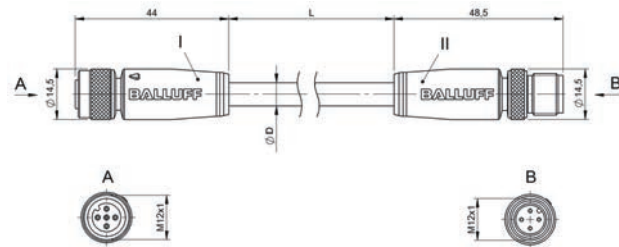
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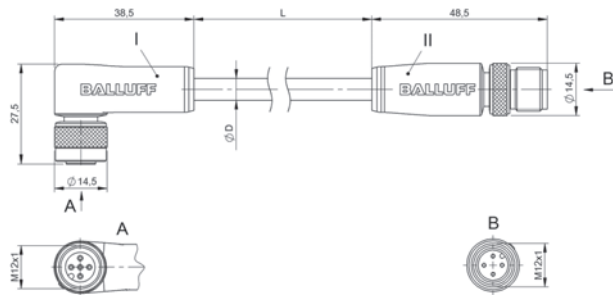


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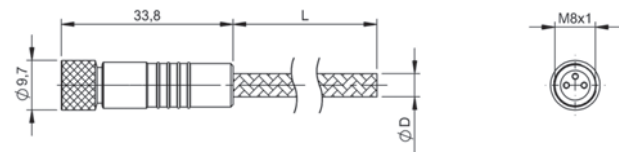
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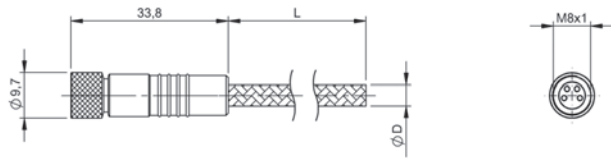


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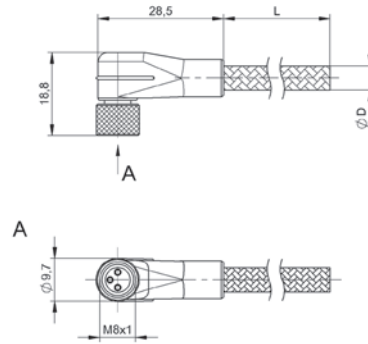
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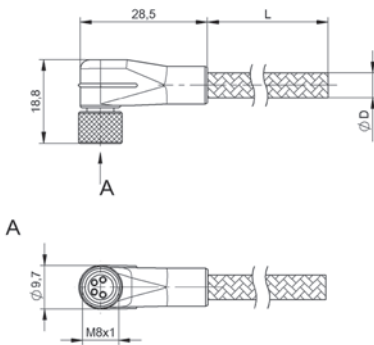
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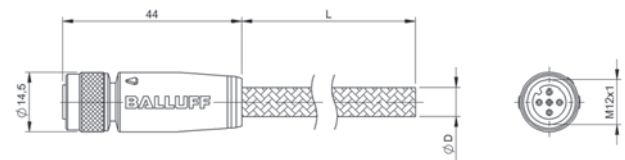
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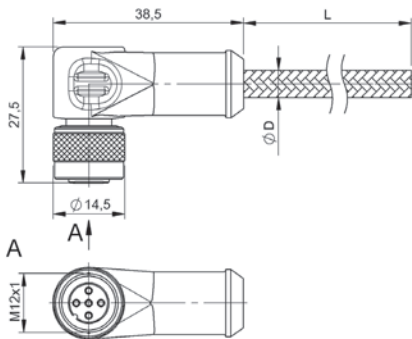
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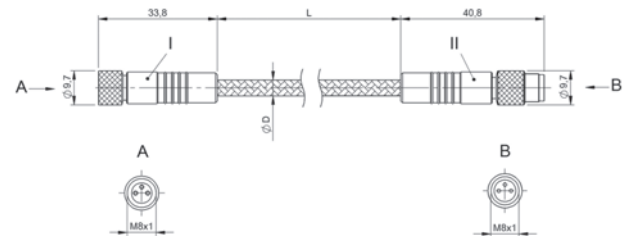
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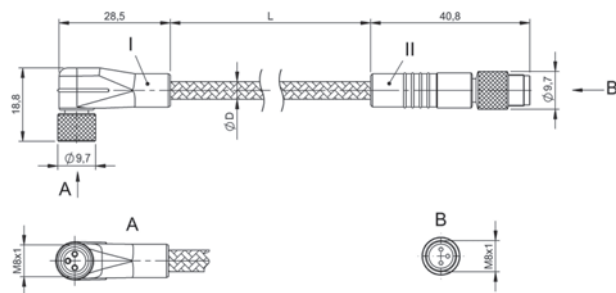
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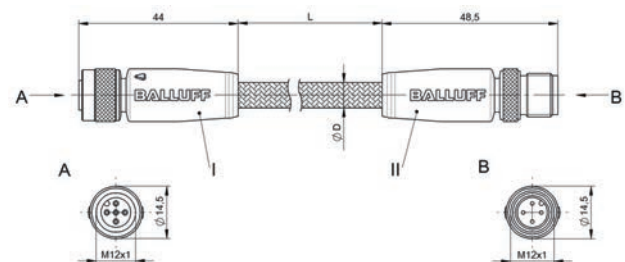
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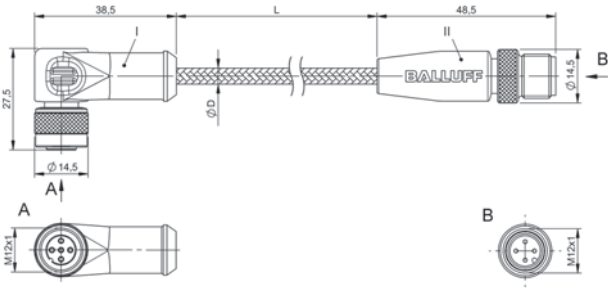
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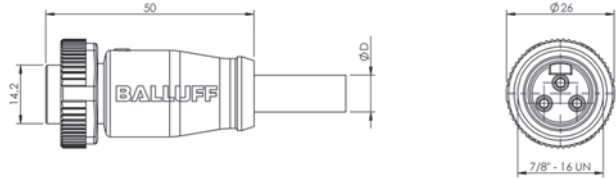
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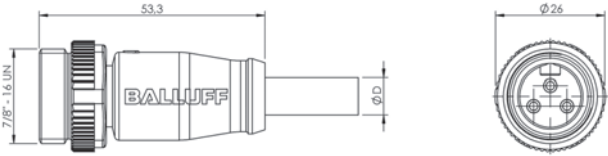
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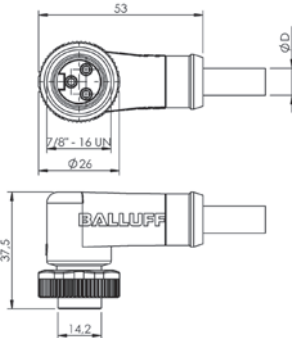
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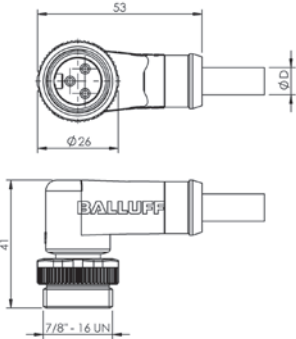
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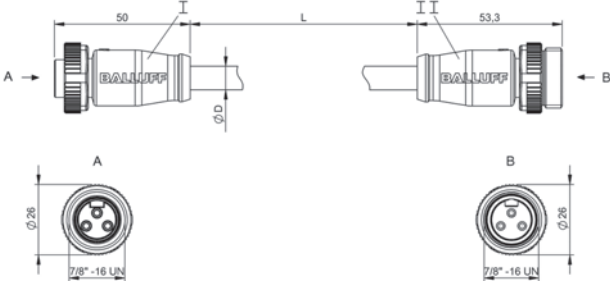
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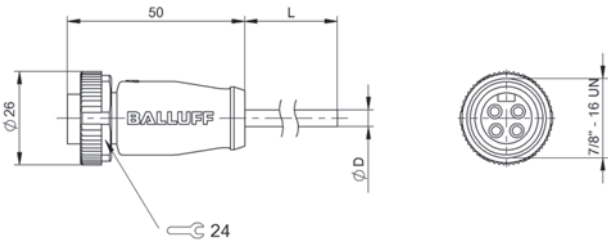
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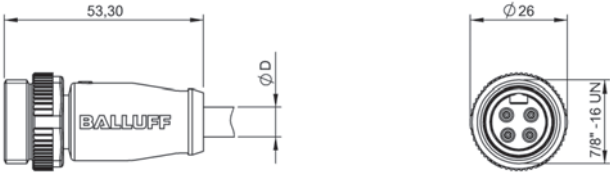
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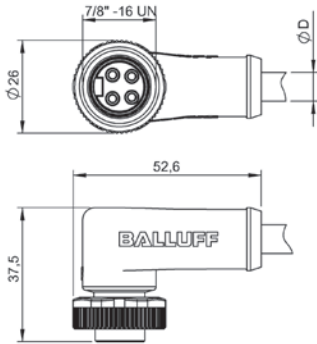
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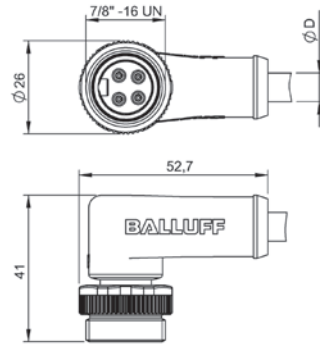
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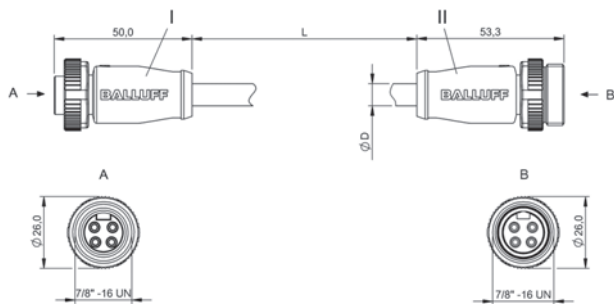
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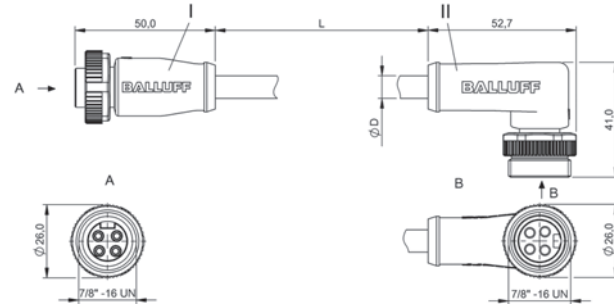
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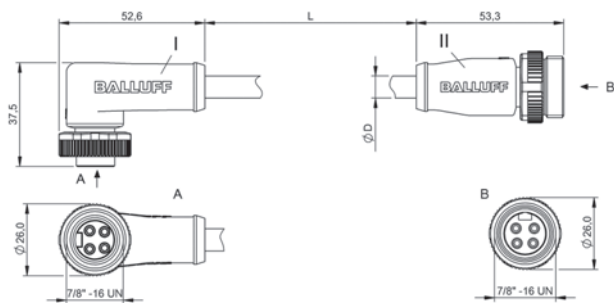
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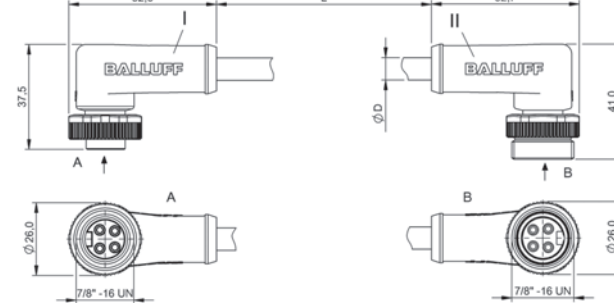
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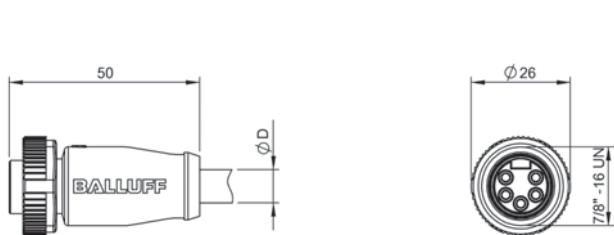
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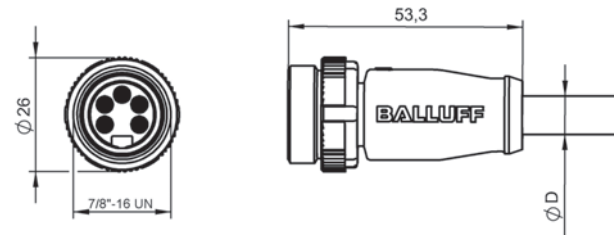
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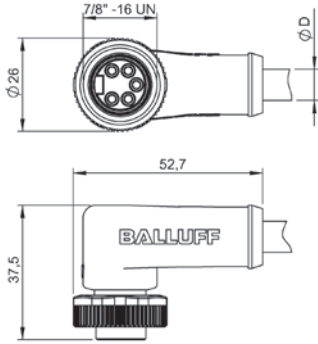
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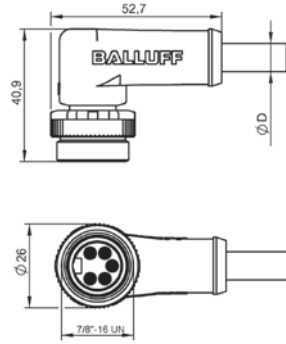
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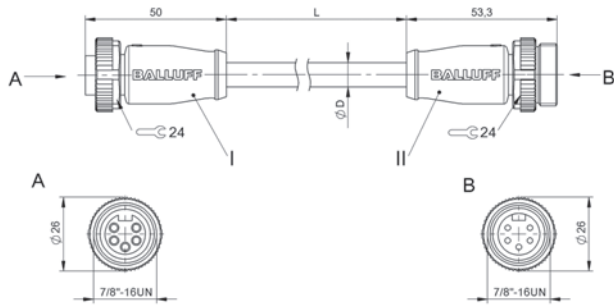
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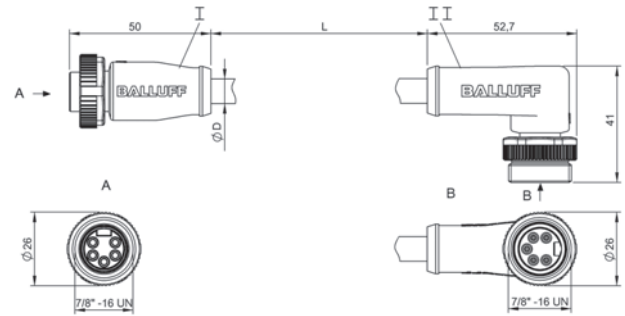
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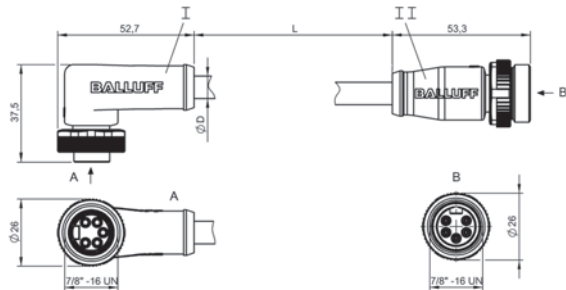
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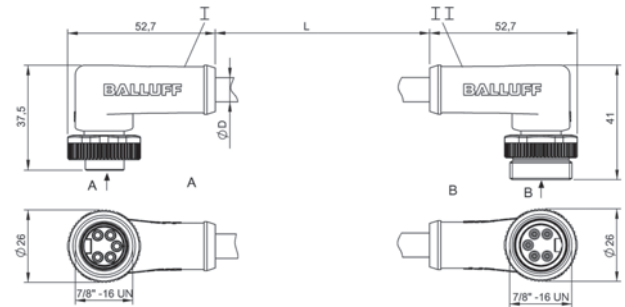
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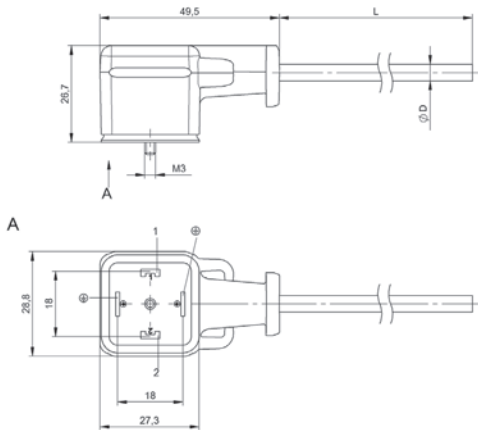
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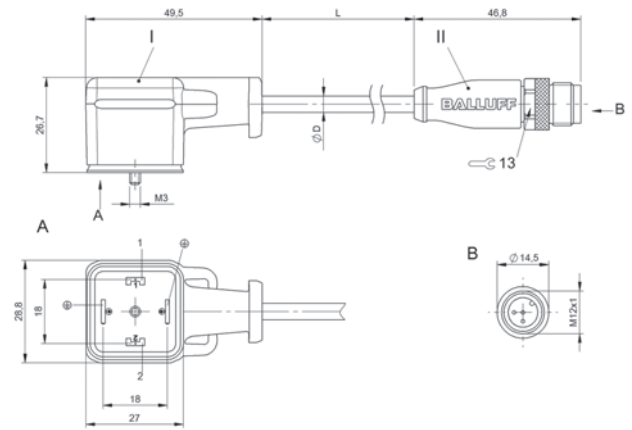
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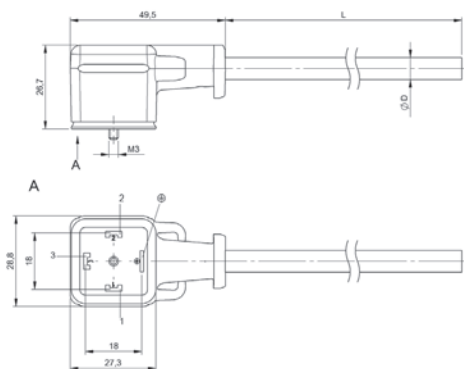
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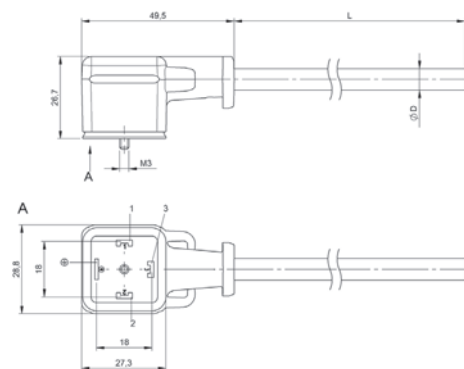
BCC VA04-0000-10-054-...
BCC VA04-0000-10-053-...



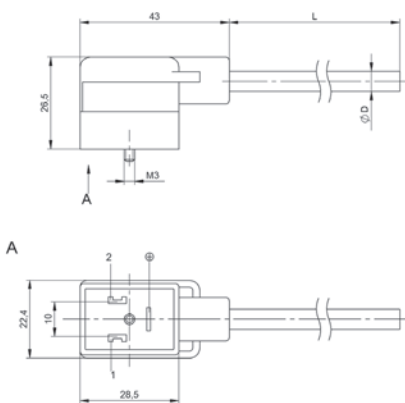
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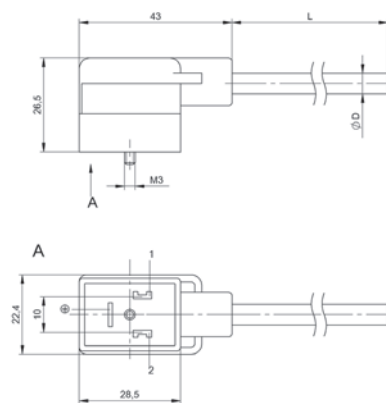
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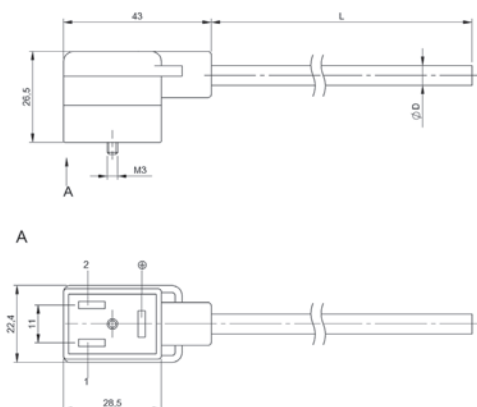
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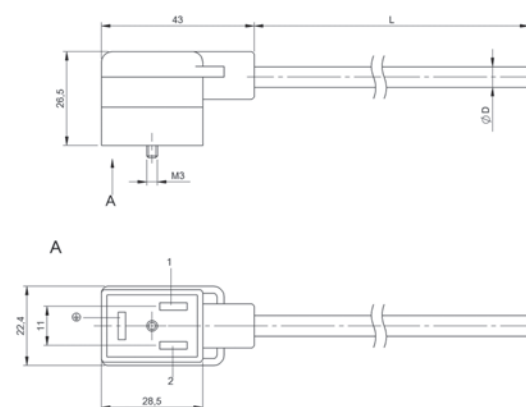
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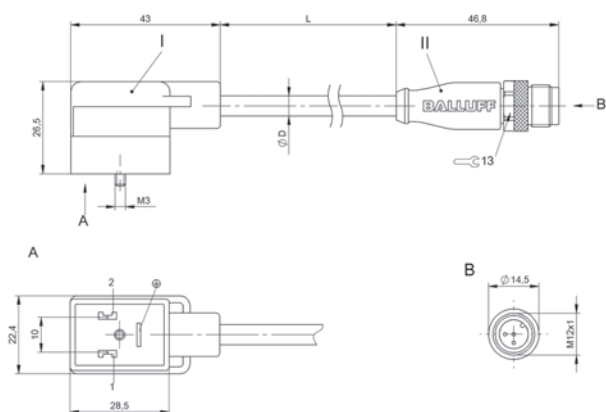
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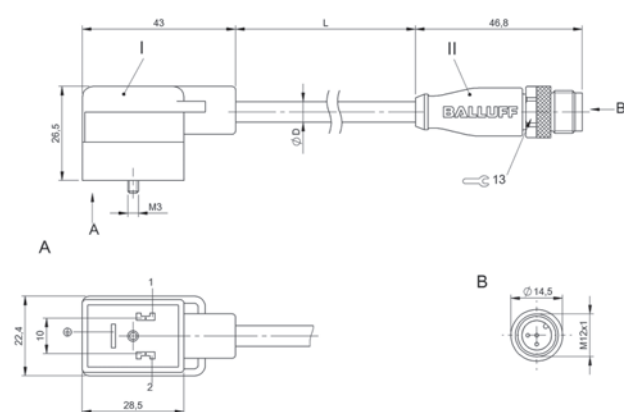
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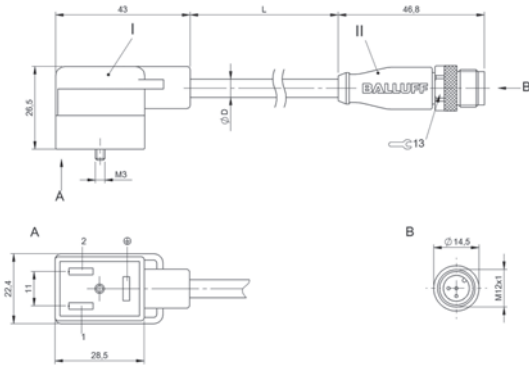
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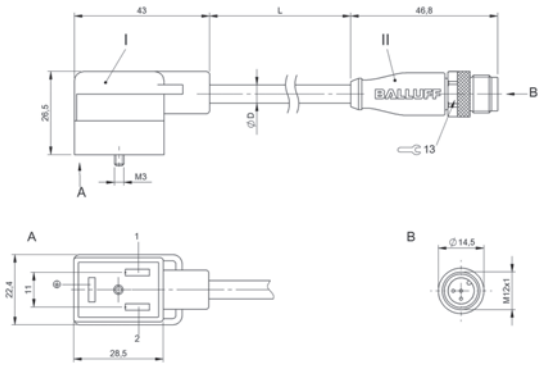
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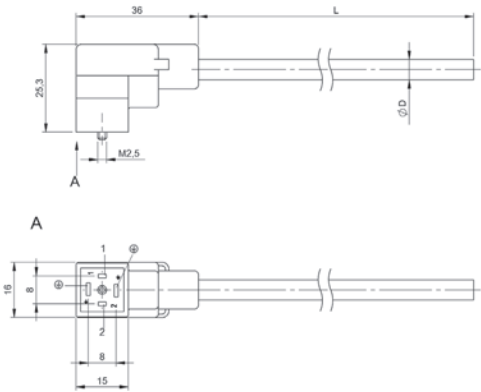
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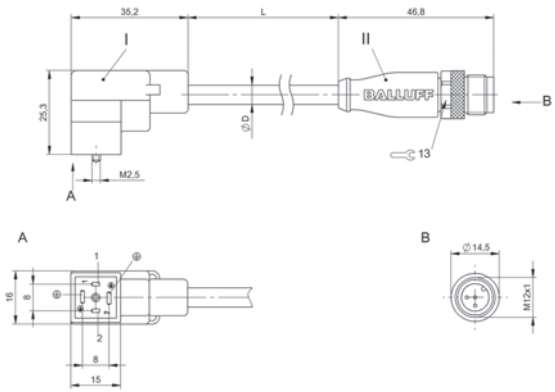
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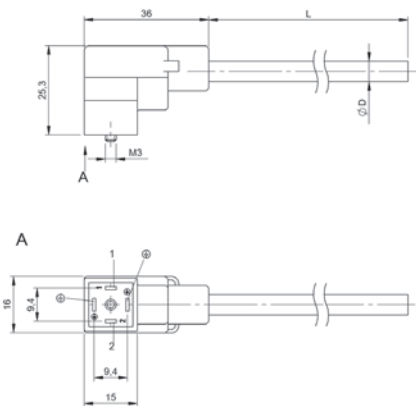
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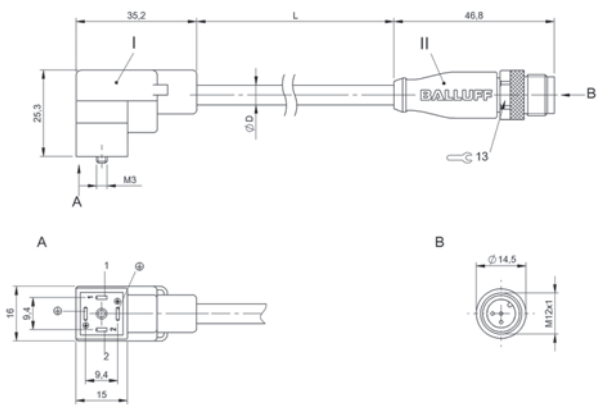
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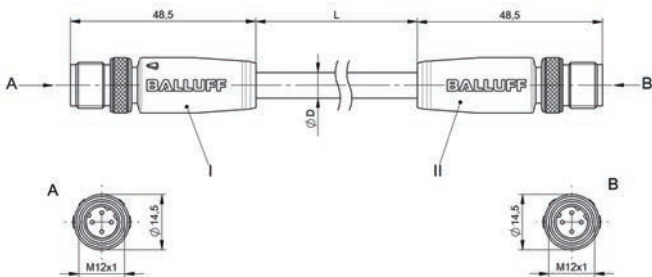
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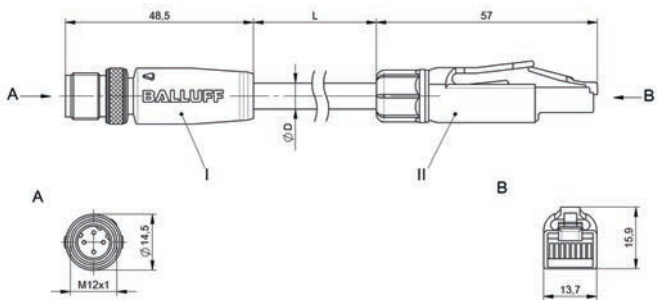
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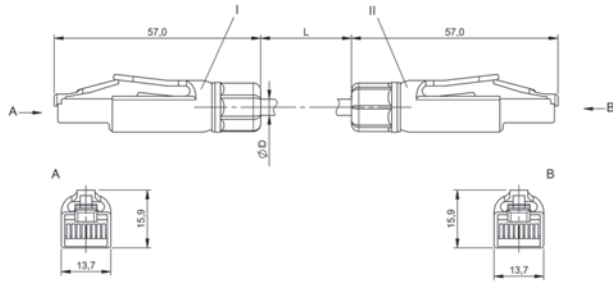
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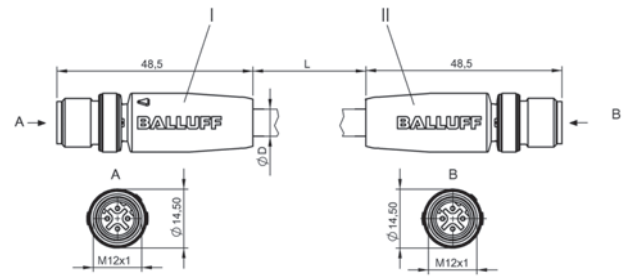
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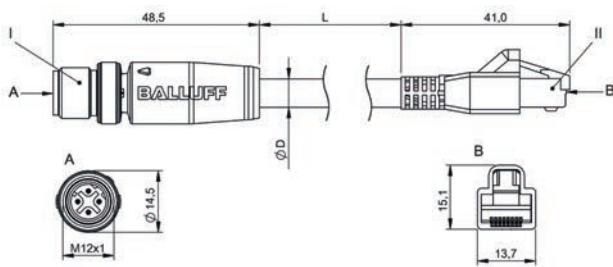
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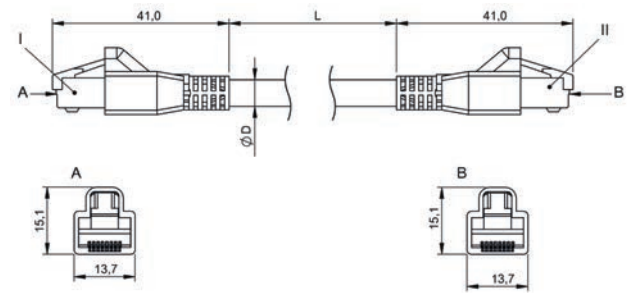
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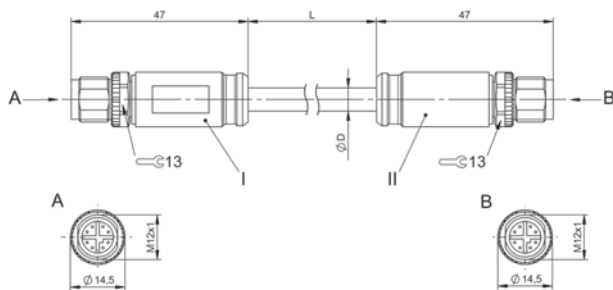
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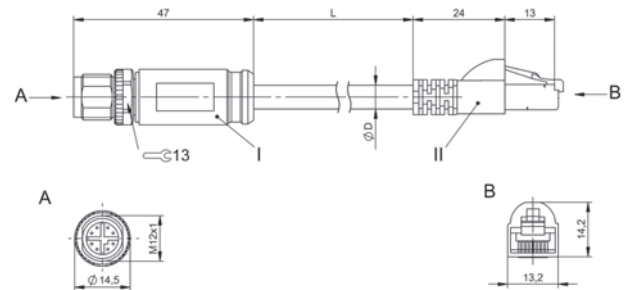
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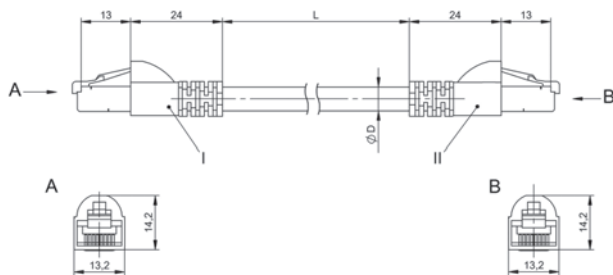
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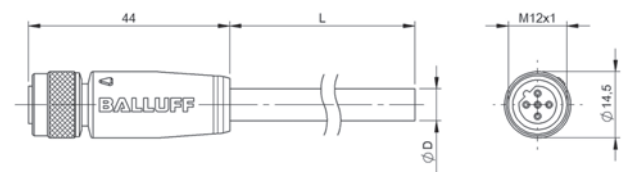
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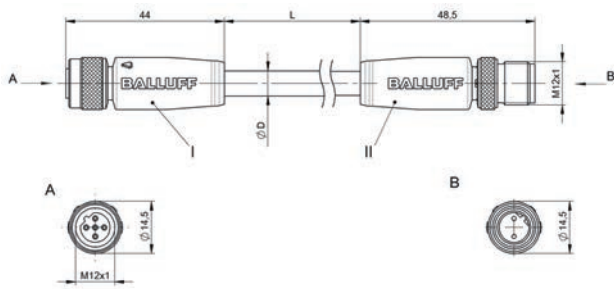
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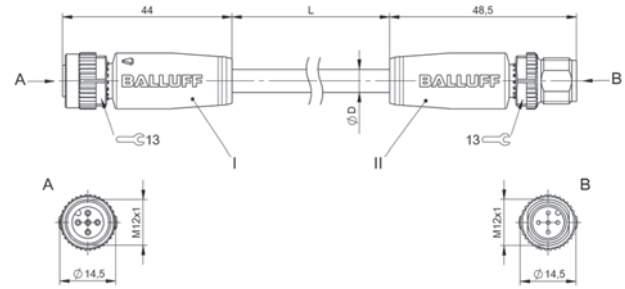
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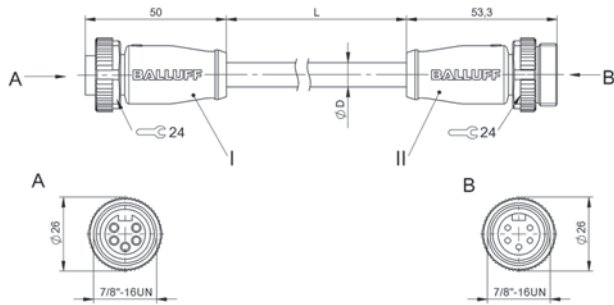
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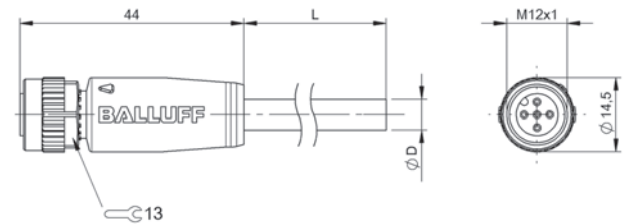
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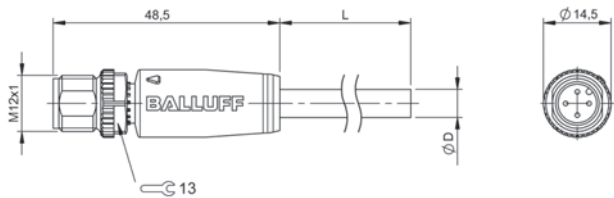
BCC M415-M415-3A-330-...



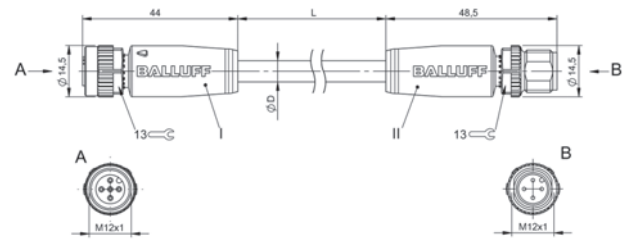
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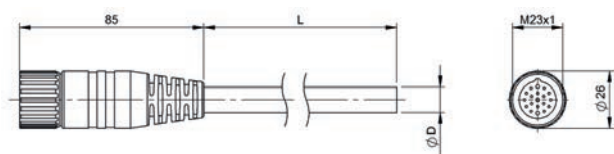
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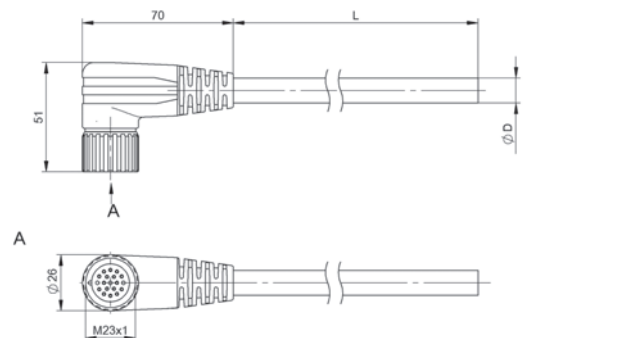
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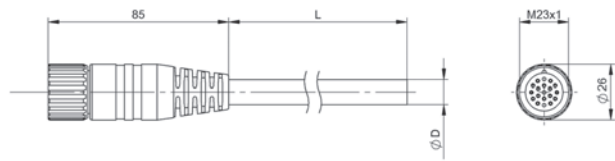
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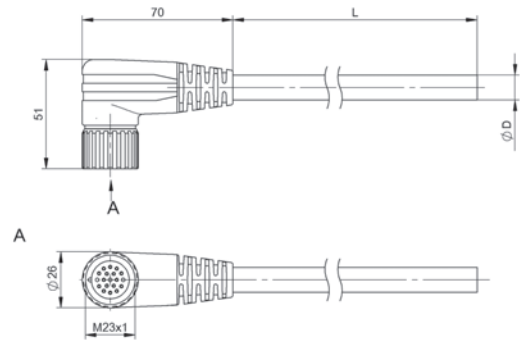
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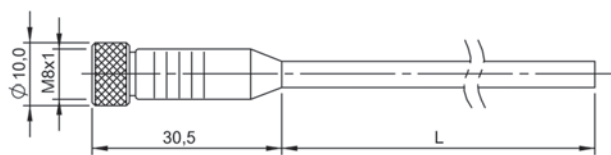
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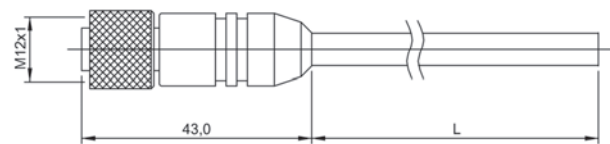
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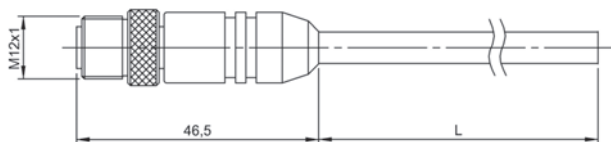
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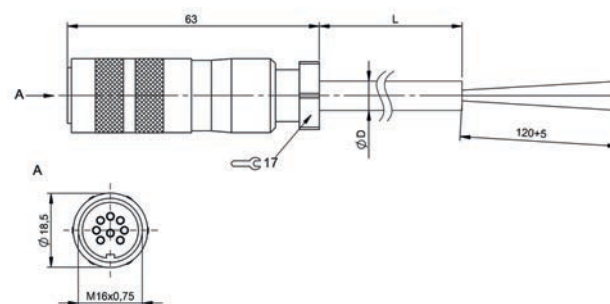
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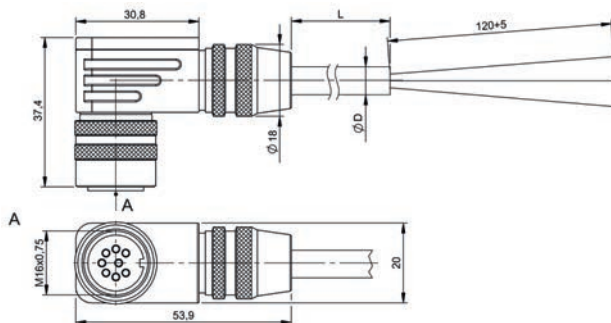
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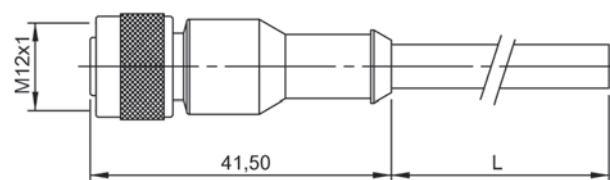
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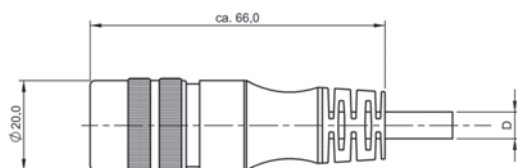
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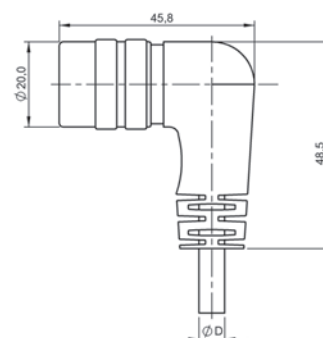
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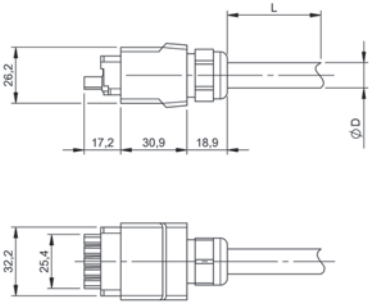
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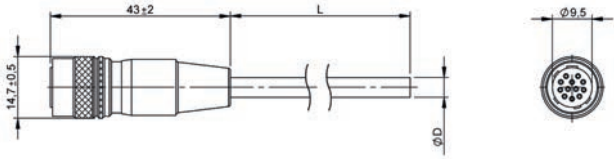
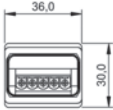
BCC0102, BCC0103, BCC0104



BCC010E, BCC010F, BCC010H



BCC0F4J, BCC0F4K, BCC0F4L



BCC0KL6, BCC0KL7, BCC0KL8

Sensors

RFID

Machine Vision and
Optical Identification

Human Machine
Interfaces

Systems

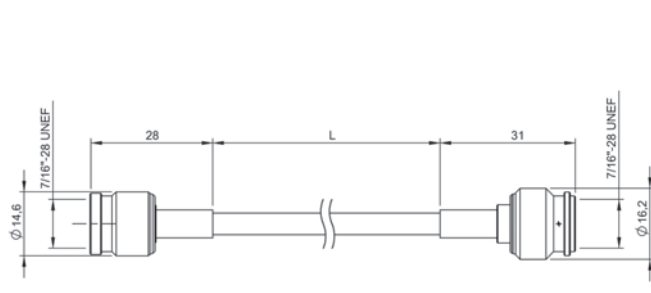
Safety

Industrial Networking

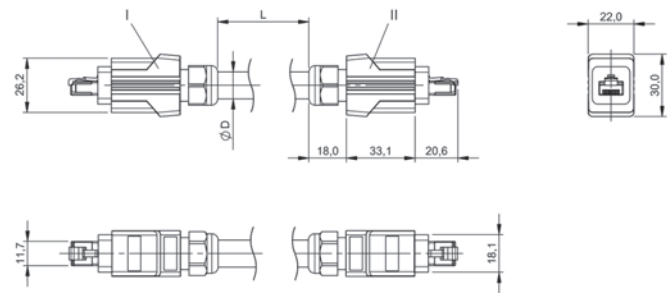
Power Supply

Connectivity

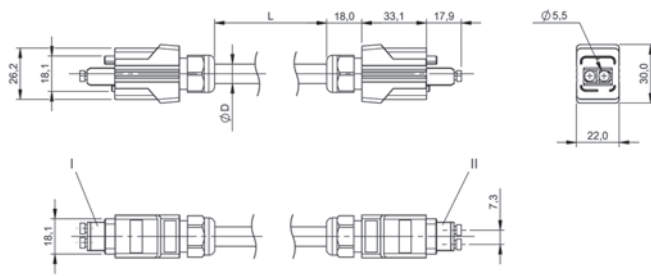
Accessories



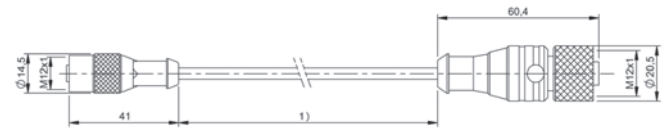
BAM01HL, BAM01HM, BAM01YR, BAM01HN, BAM01HP, BAM01WN, BAM01WP



BCC0F4W, BCC0F4Y, BCC0F4Z

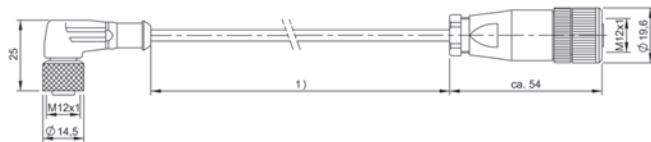


BCC0F52, BCC0F53, BCC0F54



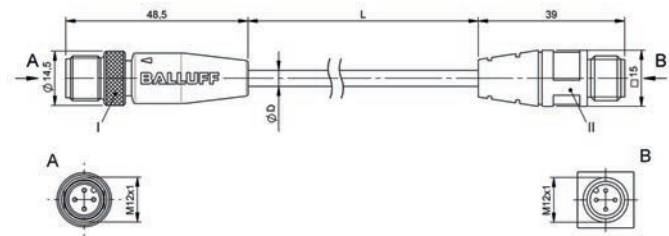
1) Cable length see text

BCC00N2, BCC00N3



1) Cable length see text

BCC00N7, BCC00N8

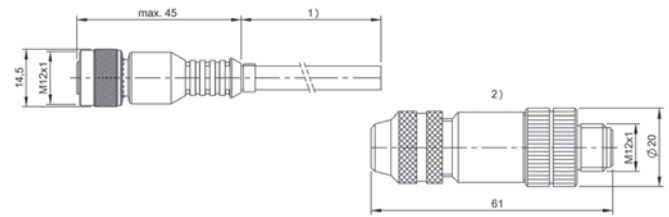


BCC0FCK



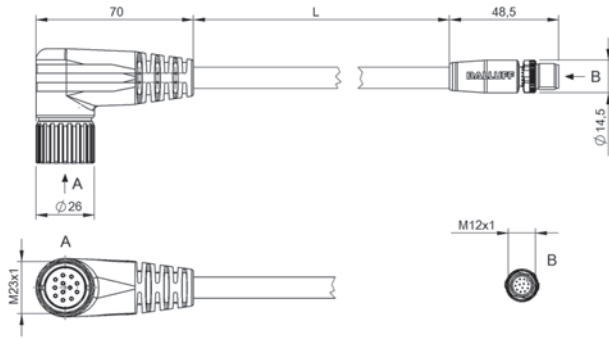
1) Cable length see text

BCC00R8, BCC00RA

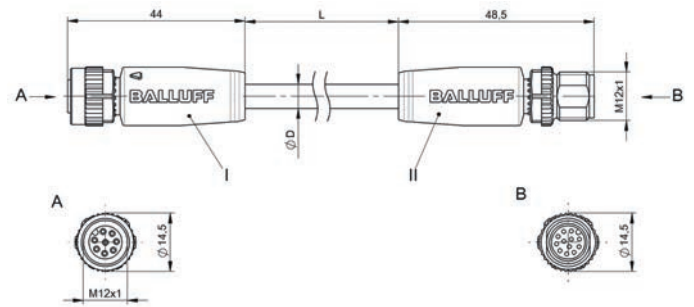


1) Cable length see text, 2) Connector included

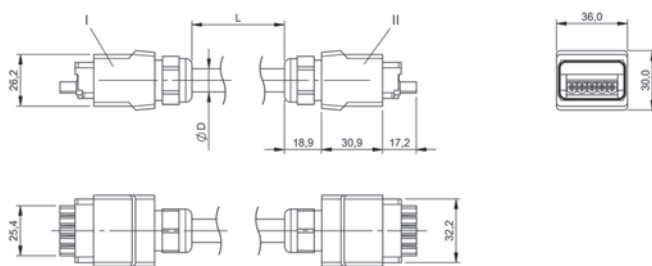
BCC00R9, BCC00RC



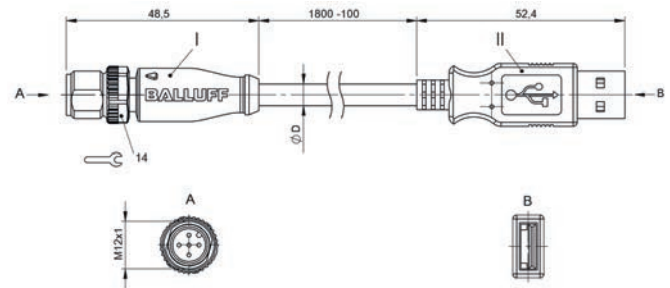
BCC088T, BCC088U



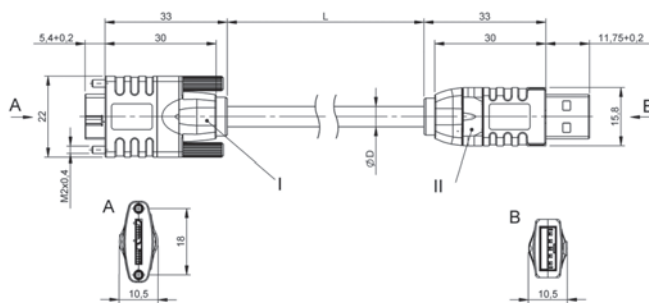
BCC088K, BCC088L



BCC0F4N, BCC0F4P, BCC0F4R



BCC0CR2



BCC0KL9, BCC0KLA, BCC0KLC