

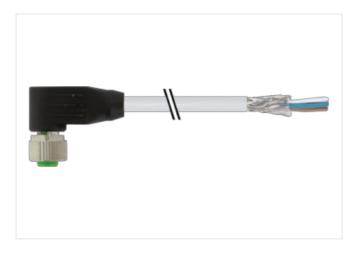
## M12 female 90° A-cod. with cable shielded

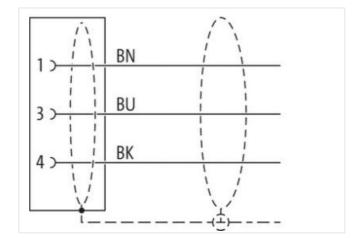
PUR 3x0.34 shielded gy UL/CSA+drag ch. 10m

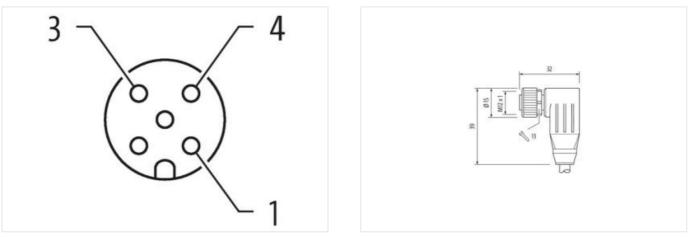
Female 90° M12, 3-pole shielded A-coded Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product

Illustration







Product may differ from Image



Cable length

Side 1

Tightening torque

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10 m

0,6 Nm

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lounting method	inserted, screwed
amily construction form	M12
hread	M12 x 1
Coding	A
laterial	PUR
Vidth across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
tripping length (jacket)	20 mm
Commercial data	
CLASS-6.0	27279218
CLASS-6.1	27279218
CLASS-7.0	27279218
CLASS-8.0	27279218
CLASS-9.0	27060311
CLASS-10.1	27060311
CLASS-11.1	27060311
CLASS-12.0	27060311
TIM-5.0	EC001855
ustoms tariff number	85444290
GTIN	4048879539647
ackaging unit	1
Electrical data   Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Installation   Connection	
tripping length (jacket)	20 mm
lounting set	M12 x 1
Device protection   Electrical	
dditional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
laterial group (IEC 60664-1)	1
Mechanical data   Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
ocking material	Zinc die-casting
Naterial screw connection	Zinc die-casting
Mechanical data   Mounting data	
lounting method	inserted, screwed, Shaking protection
Environmental characteristics   Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
dditional condition temperature range	depending on cable quality
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Product standard Installation   Cable	DIN EN 61076-2-101 (M12)

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Cable identification	240
Cable Type	3
Jacket Color	
Type of Certificate	gray cURus
Amount stranding	1
	3 wires twisted
Stranding	
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	80 %
Banding	Fleece, Foil
wire arrangement	brown, black, blue
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Cable weigth	44 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	5 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C   horizontal
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	6 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
AC withstand voltage power (wire - shield)	2 kV @ 60 s
Power frequency withstand voltage power (wire - jacket)	2 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 30 °/m

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