

## M12 female 0° A-cod. with cable shielded

PUR 4x0.34 shielded gy UL/CSA+drag ch. 0.5m

Female straight M12, 4-pole shielded

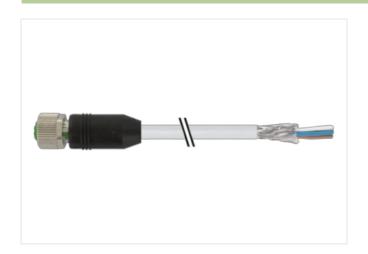
with cable sleeves

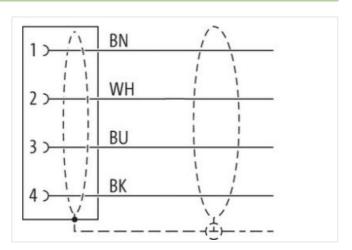
Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

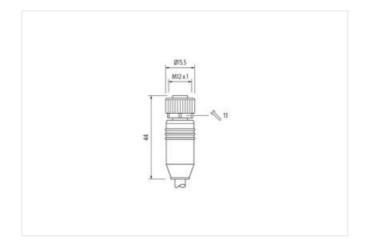
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

0,5 m

Side 1

Tightening torque

0,6 Nm

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-19



stay	connec	ted

Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879814935
Packaging unit	1
Electrical data   Supply	
	COV
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed) Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	30 V 4 A
	4 A
Installation   Connection	
Mounting set	M12 x 1
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
Mechanical data   Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data   Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics   Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation   Cable	
Cable identification	241
Cable Type	3
Jacket Color	gray
-	

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## stay connected

Amount stranding  Stranding  4 wires twisted  Cable shielding (type)  copper braid, tinned  Cable shielding (coverage)  80 %  Banding  Fleece, Foil  wire arrangement  brown, black, blue, white  No. of bending cycles (C-track)  5 Mio. @ 25 °C  Cable weigth  50,6 g/m  Material jacket  PUR  Shore hardness 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)  5,3 mm  Tolerance outer diameter (sheath)  ± 5 %	
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Material wire insulation PP	
Amount wires 4	
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 4,8 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 UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2	
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	