

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

PUR 3x0.34 shielded gy 10m

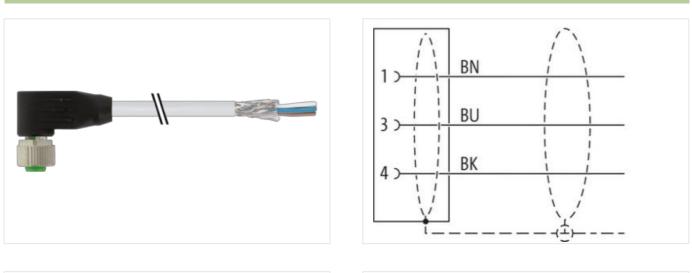
## **▲ NOTICE ▲** PRODUCT WILL BE DISCONTINUED BY MARCH 2023. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

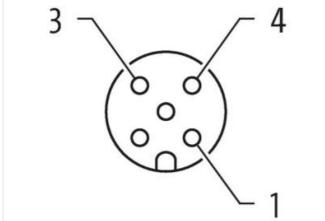
Female 90°

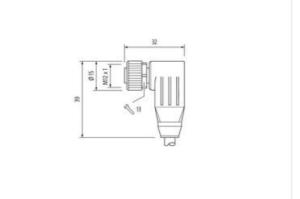
M12, 3-pole shielded A-coded Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

## Link to Product

## Illustration







Product may differ from Image



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: 2024-05-04

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Cable length	10 m
Side 1	
Tightening torque	0.6 Nm
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
Side 2	
Stripping length (jacket)	20 mm
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	4048879199421
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Current operating per contact max.	4 A
Installation   Connection	
Stripping length (jacket)	20 mm
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)	1
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
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.

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Conformity Product standard DIN EN 61076-2-101 (M12) Installation | Cable Cable identification 318 Jacket Color gray Amount stranding 1 Stranding 3 wires twisted Cable shielding (type) copper braiding, bare Cable shielding (coverage) 85 % wire arrangement brown, blue, black Material jacket PUR Outer-diameter (jacket) 5.9 mm Tolerance outer diameter (sheath) ±5% Material wire insulation PVC Amount wires 3 Conductor crosssection (wire) 0,34 mm<sup>2</sup> Current load capacity (standard) to DIN VDE 0298-4 Current load capacity min. wire 6 A Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C UV resistance DIN EN ISO 4892-2 A Flame resistance UL 1581 § 1090 | UL 1581 § 1100 FT2 | IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing | DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter

Note on bending radius

Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.

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