

M12 male 0° A-cod. with cable shielded

PUR 3x0.34 shielded gy 3m

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

Male straight

M12, 3-pole

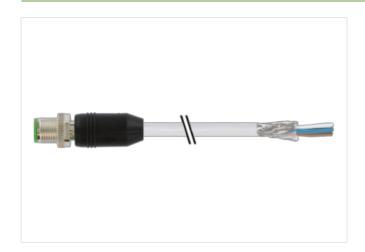
shielded

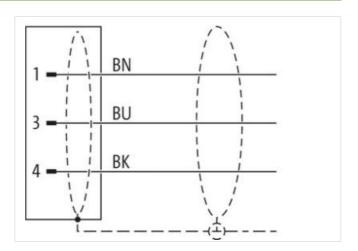
Plastic housings with good resistance against chemicals and oils.

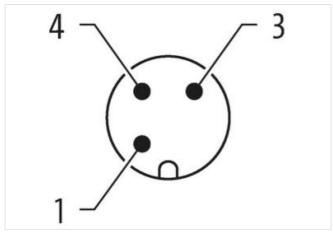
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

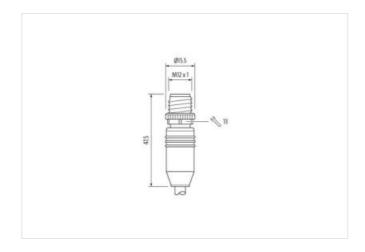
Link to Product

Illustration









Product may differ from Image











Cable length 3 m Side 1 Tightening torque 0,6 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Thread M12 x 1 Coding Α Material contact Copper alloy Material PUR No. of poles 3 Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Stripping length (jacket) 20 mm Coating contact gold plated Commercial data ECLASS-6.0 27279218 ECLASS-6.1 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 FCLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879201407 Packaging unit Electrical data | Supply Operating voltage AC max. 60 V Operating voltage DC max. 60 V 4 A Current operating per contact max. **Diagnostics** Status indication LED no 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) Mechanical data Contour for corrugated hose without 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

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: 2024-05-03

Mounting method



inserted, screwed, Shaking protection

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Environmental characteristics Climatic	c
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.
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.
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 mm²
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