

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

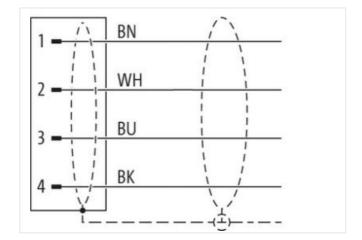
PUR 4x0.34 shielded gy 30m

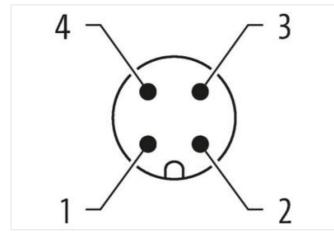
Male straight M12, 4-pole A-coded shielded Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

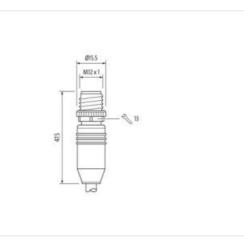
## Link to Product

Illustration









Product may differ from Image



Cable length

Side 1

30 m

0,6 Nm

Tightening torque

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Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	4
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	
	07070010
ECLASS-6.0 ECLASS-6.1	27279218 27279218
ECLASS-0.1 ECLASS-7.0	27279218
ECLASS-7.0 ECLASS-8.0	27279218
ECLASS-0.0 ECLASS-9.0	27060311
ECLASS-9.0 ECLASS-10.1	27060311 27060311
ECLASS-10.1 ECLASS-11.1	27060311
ECLASS-11.1 ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879428446
Packaging unit	1
	1
Electrical data   Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Current operating per contact max.	4 A
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   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
	85 °C
Operating temperature max. Additional condition temperature range	depending on cable quality

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## Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be Note on bending radius endangered by excessive bending forces. Conformity Product standard DIN EN 61076-2-101 (M12) Installation | Cable Cable identification 331 Jacket Color gray Amount stranding 1 Stranding 4 wires twisted Banding Fleece, Foil wire arrangement brown, black, blue, white Traversing distance (C-track) 5 m @ 25 °C Material jacket PUR Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ±5% Material inner jacket PVC Color (inner jacket) gray Material wire insulation PVC Amount wires 4 Outer diameter insulation 1,4 mm Outer diameter tolerance core insulation ±5% Shore hardness wire insulation 85 ± 5 Shore A Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free 42 Amount strands (wire) 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 6 350 V Max. rated voltage (conductor - conductor) Max. rated voltage (conductor - ground) 300 V 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 AC withstand voltage (wire - wire) 2 kV @ 60 s Power frequency withstand voltage (wire -2 kV @ 60 s iacket) AC withstand voltage (wire - shield) 1,5 kV @ 60 s Min. operating temperature (static) -30 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -5 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1100 FT2 | IEC 60332-2-2 | UL 1581 § 1090 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing | DIN EN 60811-404 Bending radius (installation) x Outer diameter Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 15 x Outer diameter Travel speed (C-track) 0,1 Mio. @ 25 °C

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