

M12 male 90° A-cod. with cable shielded

PUR 4x0.34 shielded gy UL/CSA+drag ch. 10m

Male 90° M12, 4-pole shielded A-coded

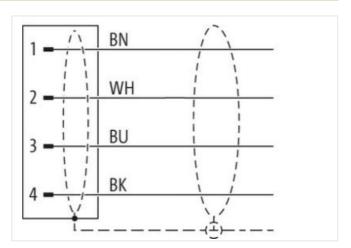
Plastic housings with good resistance against chemicals and oils.

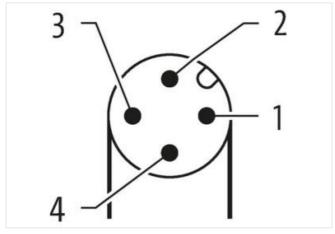
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

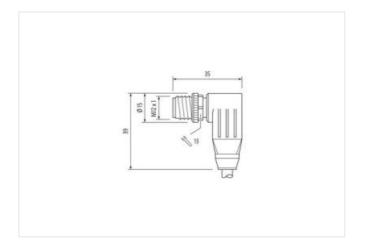
Link to Product

Illustration









Product may differ from Image













Cable length

10 m

Side 1

0,6 Nm Tightening torque



Casting contact	Mounting method	inserted, screwed
Family construction form M12 x 1		·
Tresd		
Coding A Material contact Copper ality Material contact Copper ality No. of poles 4 Width across fields SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Support length (incket) Commercial date Colspan="2">Commercial date COLASS-6.0 CIASS-6.1 CIASS-6.1 CIASS-6.1 CIASS-6.0 CIASS-6.0 <t< td=""><td></td><td></td></t<>		
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Coating contact gold plated	Side 2	
Commercial data	Stripping length (jacket)	20 mm
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Material screw connection Zinc die-casting Mechanical data Mounting data	Coating of fitting	nickel plated
Mechanical data Mounting data	Locking material	Zinc die-casting
	Material screw connection	Zinc die-casting
	Mechanical data Mounting data	
		inserted, screwed, Shaking protection

Environmental characteristics | Climatic



stay connected

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
Type of Certificate	cURus
Amount stranding	1
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	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 %
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 ²
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) Power frequency withstand voltage power	2 kV @ 60 s
(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