

M12 male 0° A-cod. with cable shielded

PUR 5x0.34 shielded gy 1.5m

Male straight M12, 5-pole shielded

with cable sleeves

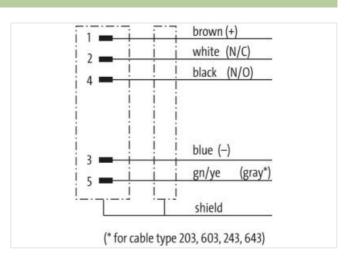
Plastic housings with good resistance against chemicals and oils.

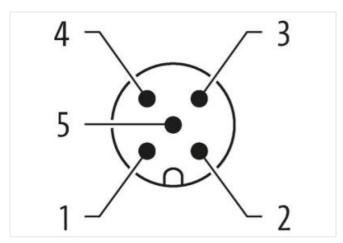
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

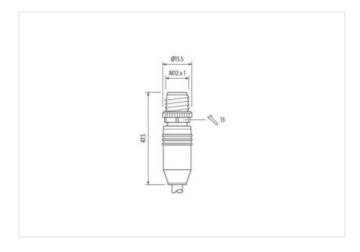
Link to Product

Illustration









Product may differ from Image









Cable length

1,5 m

Side 1

Tightening torque 0,6 Nm



Coeling contact gold plated Thread M12 x 1 Coding A Material Control Cooper alloy Material PUR No. of poles 5 With across flats SW13 Degree of protection (EN IEC 60529) IPSE, IPSEK, IPS7 Side 2 Stripping fength (jacket) 20 mm Conting contact Commercial date Commercial date ECLASS-R.6.0 27279218 ECLASS-R.6.0 27279218 ECLASS-R.6.0 27279218 ECLASS-R.6.1 27000311 ECLASS-R.6.1 27000311 ECLASS-R.6.1 27000311 ECLASS-R.7.1 27000311 ECLASS-R.7.2 27000311 ECLASS-R.7.3 27000311 ECLASS-R.7.6 27000311 ECLASS-R.7.1 27000311 ECLASS-R.7.2 27000311 ECLASS-R.7.2 27000311 ECLASS-R.7.2 27000311 ECLASS-R.7.2 270000311 ECLASS-R.7.3 20 20 20 2	Mounting method	inserted, screwed	
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Operating temperature min25 °C	Environmental characteristics Climatic		
	Operating temperature min.	-25 °C	



stay connected

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	349
Jacket Color	gray
Amount stranding	1
Stranding	5 wires around Core filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil
Filler	yes
wire arrangement	brown, black, blue, white, green-yellow
Cable weigth	59,4 g/m
Material jacket	PUR
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-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	5
Outer diameter insulation	1,45 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	85 ± 5 Shore A
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	5 m @ 25 °C
Max. rated voltage (conductor - conductor)	350 V
Max. rated voltage (conductor - ground)	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 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 - acket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	1,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 ℃
Operating temperature max. (dynamic)	70 °C
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2



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)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter
Travel speed (C-track)	0,1 Mio. @ 25 °C