

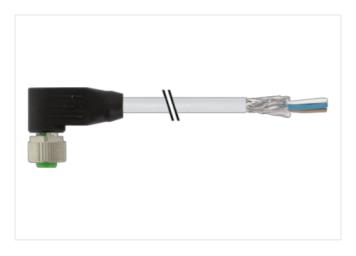
## M12 female 90° A-cod. with cable shielded

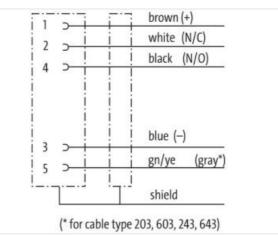
PUR 5x0.34 shielded gy 1.5m

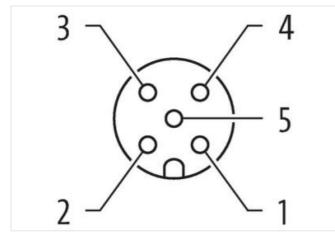
Female 90° M12, 5-pole shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

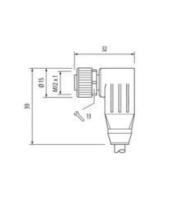
## Link to Product

Illustration









Product may differ from Image



1,5 m

0,6 Nm

Cable length

Side 1

Tightening torque

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Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	5
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	27279218
ECLASS-7.0	27279218
ECLASS-8.0 ECLASS-9.0	27279218 27060311
ECLASS-10.1	27060311 27060311
ECLASS-11.1	
ECLASS-12.0 ETIM-5.0	27060311
	EC001855
customs tariff number	85444290
GTIN	4048879198929
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
Diagnostics	
Status indication LED	no
Installation   Connection	
	20 mm
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
Material gasket	FKM
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting
Mechanical data   Mounting data	
Mounting method	inserted, screwed, Shaking protection

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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	349
Jacket Color	gray
Amount stranding	1
Stranding	5 wires around Core filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Sanding	oo 7o Fleece, Foil
Filler	
	yes brown, black, blue, white, green-yellow
vire arrangement	5 m @ 25 °C
raversing distance (C-track)	
Cable weigth	59,4 g/m PUR
Aaterial jacket	
hore hardness jacket	85 ± 5 Shore A
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free
outer-diameter (jacket)	5,9 mm
olerance outer diameter (sheath)	±5%
Aaterial inner jacket	PVC
Color (inner jacket)	gray
Aterial wire insulation	PVC
mount wires	5
Duter diameter insulation	1,45 mm
Duter diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	85 ± 5 Shore A
laterial properties wire insulation	good machinability
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
mount strands (wire)	42
Diameter of single wires	0,1 mm
conductor crosssection (wire)	0,34 mm <sup>2</sup>
Naterial conductor wire	Stranded copper wire, bare
conductor type (wire)	strand class 6
lax. rated voltage (conductor - conductor)	350 V
lax. rated voltage (conductor - ground)	300 V
urrent load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
lectrical resistance line constant wire	57 Ω/km @ 20 °C
C withstand voltage (wire - wire)	2 kV @ 60 s
ower frequency withstand voltage (wire - icket)	2 kV @ 60 s
C withstand voltage (wire - shield)	1,5 kV @ 60 s
In. operating temperature (static)	-40 °C
fax. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
lame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2

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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

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