

M12 female 0° A-cod. with cable shielded

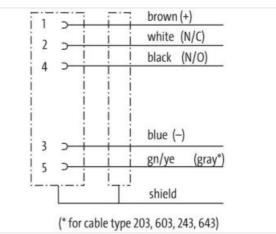
PUR 5x0.34 shielded gy UL/CSA+drag ch. 10m

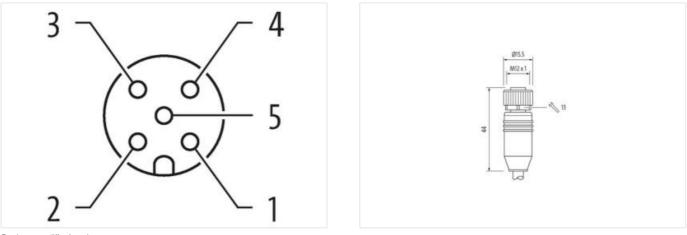
M12, 5-pole Female straight shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration







Product may differ from Image



Cable length

Side 1

Tightening torque

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10 m

0,6 Nm



Family construction form	M12
Thread	M12 x 1
Cable outlet	straight
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Commercial data	
	07070040
ECLASS-6.0 ECLASS-7.0	27279218 27279218
ECLASS-7.0 ECLASS-8.0	27279218
ECLASS-0.0 ECLASS-9.0	27060311
ECLASS-9.0 ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-11.1 ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879434133
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Operating voltage AC (UL-listed) Operating voltage DC (UL-listed)	30 V 30 V
Current operating per contact max.	30 V 4 A
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Installation Connection	
Stripping length (jacket)	20 mm
Mounting set	M12 x 1
Gender	female
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	
·	insected exercised Shaking protection
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality



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	243
Cable Type	3
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	80 %
Banding	Fleece, Foil
Filler	yes
vire arrangement	brown, black, blue, white, gray
Fraversing distance (C-track)	5 m @ 25 °C horizontal
Cable weigth	57,2 g/m
Aaterial jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Duter-diameter (jacket)	5,6 mm
olerance outer diameter (sheath)	±5%
Aterial wire insulation	PP
	5
Duter diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	70 ± 5 Shore D
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
	42
Amount strands (wire) Diameter of single wires	42 0.1 mm
Conductor crosssection (wire)	0,1 mm ²
Aaterial conductor wire	Stranded copper wire, bare
	stranded copper wile, bare
Conductor type (wire)	
Nominal voltage AC max.	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) Power frequency withstand voltage (wire - acket)	2 kV @ 60 s 2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Ain. operating temperature (static)	-40 °C
Aax. operating temperature (static)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
	IEC 60332-2-2 UL 1581 § 1100 FT2 UL 1581 § 1090
hemical resistance	Good, application-related testing
Basoline resistance	Good, application-related testing
Dil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
sonang radius (dynamic)	

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No. of torsion cycles

2 Mio.

Torsion stress Torsion speed ± 30 °/m 35 cycles/min

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