

M12 female 0° A-cod. with cable shielded

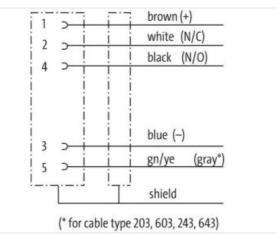
PUR 5x0.34 shielded gy UL/CSA+drag ch. 23m

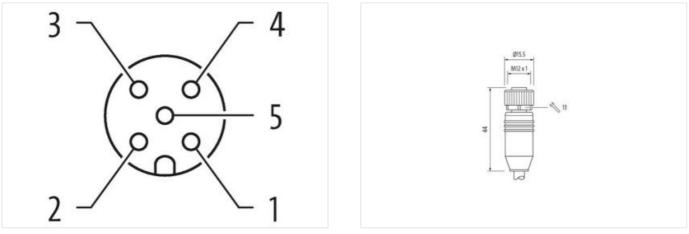
M12, 5-pole Female straight shielded with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration







Product may differ from Image



Cable length

Side 1

Tightening torque

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23 m

0,6 Nm

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Mounting method	inserted, screwed
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	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879578769
Packaging unit	1
Electrical data Supply	•
	C0.1/
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V 30 V
Operating voltage AC (UL-listed) Operating voltage DC (UL-listed)	
Current operating per contact max.	30 V 4 A
	47
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)	I
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	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-25 °C
Operating temperature max.	-25 °C 85 °C
Additional condition temperature range	depending on cable quality
Conformity mation in this Product-PDF has been compiled with th	

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Product standard

DIN EN 61076-2-101 (M12)

Gable identification 242 Gable identification gray Type of Certificate cURus Amount stranding 1 Stranding 5 wires around Core filler twisted Cable shielding (type) copper braid, linned Cable shielding (type) copper braid, linned Cable shielding (type) 60 % Banding Fleece, Foil Filler Yes wire arrangement brown, black, blue, white, green-yellow No. of bending cycles (C-track) 5 Mio. @ 25 °C Cable wighth 57.2 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 (sheath) ± 5 % Material jacket 90.5 Shore A Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 5 Outer diameter tolerance core insulation 1.25 mm Outer diameter tolerance core insulation 1.25 min Outer diameter tolerance core insulation 1.25 min
Jacket ColorgrayType of Certificate $cURus$ Amount stranding1Stranding5 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)80 %BandingFleece, FollFilleryeswire arrangementbrown, black, blue, white, green-yellowNo. of bending cycles (C-track)5 Mic. @ 25 °CCable weigth57.2 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter diameter (saket)5.6 mmTolerance outer diameter (sheath) $\pm 5 %$ Material wire insulationPPAmount wires5Outer diameter tolerance core insulation $\pm 5 %$ Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulation70 ± 5 Shore DConductor crosses dire (wire)0.34 mm²Conductor roresses wire insulation125 mmConductor roresses wire insulation125 mmConductor roresses wire insulation125 mmConductor roresses wire insulation70 ± 5 Shore DIngredient freeness wire insulation125 mmConductor roressection (wire)0.34 mm²Conductor roressection (wire)0.34 mm²Conductor roressection (wire)5 mm² 25 °C horizontalCurrent load capacity (istandard)to DIN VDE 028e-4Current load capacity (istandard)to DIN VDE
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Nominal voltage power AC max. 300 V
AC withstand voltage power (wire - shield) 2 kV @ 60 s
Power frequency withstand voltage power (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 IEC 60332-2-2 UL 1581 § 1100 FT2 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 (fixed) 5 x Outer diameter
Bending radius (dynamic) 10 x Outer diameter
No. of torsion cycles 2 Mio.
No. of torsion cycles 2 Mio. Torsion speed 35 cycles/min

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