

M12 male 90° A-cod. with cable shielded

PUR 5x0.34 shielded gy 2m

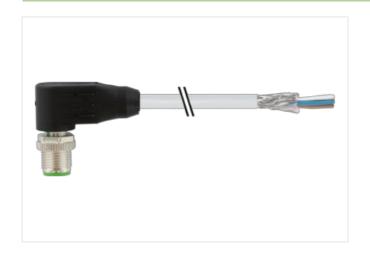
Male 90° M12, 5-pole shielded A-coded

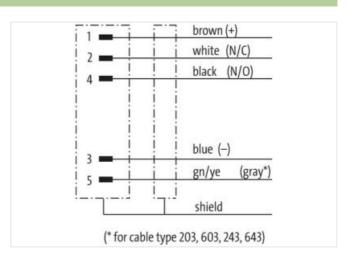
Plastic housings with good resistance against chemicals and oils.

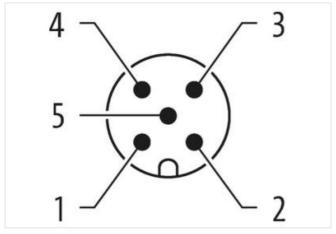
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

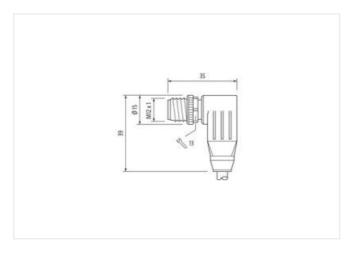
Link to Product

Illustration









Product may differ from Image











Cable length

2 m

Side 1

Tightening torque 0,

0,6 Nm

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Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-04



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Coating contact gold plated Family construction form M12 Thread M12 x 1 Coding A Material contact Copper alloy Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Coating contact gold plated Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060315 ETIM-5.0 EC01855 customs tariff number 85444290 GTIN 4048879200486 Packaging unit 1 Electrical data Supply Operating voltage AC max. 60 V	Mounting method	inserted, screwed	
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	Note on bending radius		
Product standard DIN EN 61076-2-101 (M12)	Conformity		
	Product standard	DIN EN 61076-2-101 (M12)	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-04



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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
Traversing distance (C-track)	5 m @ 25 °C
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 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
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 -	2 kV @ 60 s
jacket)	-
AC withstand voltage (wire - shield)	1,5 kV @ 60 s
• •	1,5 kV @ 60 s -40 °C
AC withstand voltage (wire - shield)	
AC withstand voltage (wire - shield) Min. operating temperature (static)	-40 °C
AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed)	-40 °C 80 °C
AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic)	-40 °C 80 °C -5 °C
AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic)	-40 °C 80 °C -5 °C 70 °C
AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance	-40 °C 80 °C -5 °C 70 °C IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance	-40 °C 80 °C -5 °C 70 °C IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Good, application-related testing
AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance	-40 °C 80 °C -5 °C 70 °C IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing
AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance	-40 °C 80 °C -5 °C 70 °C IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing