

M12 male 0° A-cod. with cable shielded

PVC 5x0.34 shielded gy UL/CSA 15m

Male straight M12, 5-pole shielded

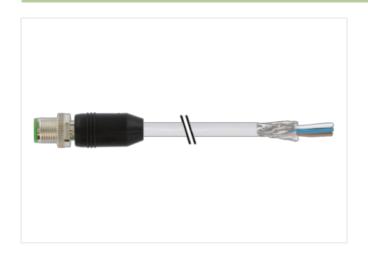
with cable sleeves

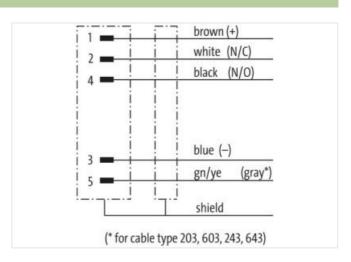
Plastic housings with good resistance against chemicals and oils.

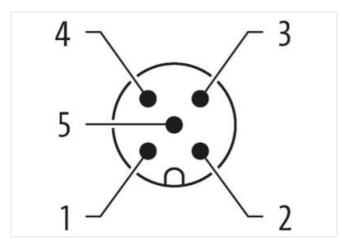
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

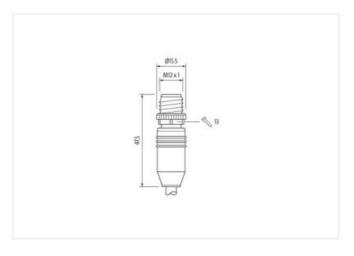
Link to Product

Illustration









Product may differ from Image













Cable length

15 m

Side 1

Tightening torque

0,6 Nm

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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) Stripping length (jacket) 20 mm Coating contact gold plated Commercial data ECLASS-6.0 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 customs tariff number 85444290 GTIN 4048879690294 Packaging unit 1 Electrical data Supply Operating voltage AC max.
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) Coating contact gold plated 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 ECIMS-5.0 EC001855 customs tariff number 85444290 GTIN 4048879690294 Packaging unit 1 Electrical data Supply
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Packaging unit 1 Electrical data Supply
Electrical data Supply
Operating voltage AC max. 60 V
0 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Operating voltage DC max. 60 V
Operating voltage AC (UL-listed) 30 V
Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A
Diagnostics
Status indication LED no
Installation Connection
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
Locking material Zinc die-casting
Material screw connection Zinc die-casting
Mechanical data Mounting data
Mounting method inserted, screwed, Shaking protection
Environmental characteristics Climatic

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Operating temperature min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
Cable identification	203
Cable Type	1
Jacket Color	·
Type of Certificate	gray
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
wire arrangement	brown, black, blue, white, gray
Cable weigth	68,2 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	5,6 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	5
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
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
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)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	80 °C
Flame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
	DIN EN 60811-404 Good, application-related testing