

M12 female 90° A-cod. with cable shielded

PUR 5x0.34 shielded gy UL/CSA+drag ch. 4m

Female 90° M12, 5-pole shielded with cable sleeves

Plastic housings with good resistance against chemicals and oils.

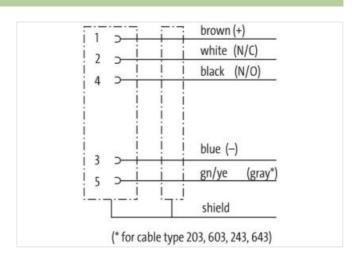
The resistance to aggressive media should be individually tested for your application. Further details on request.

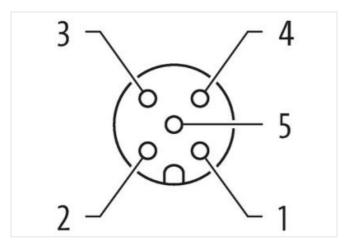
Further cable lengths on request.

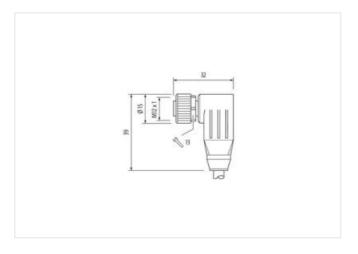
Link to Product

Illustration









Product may differ from Image













Cable length

4 m

Side 1

Tightening torque

0,6 Nm

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: 2024-04-17



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	
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	4048879623179
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	60 V
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	20
	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)	I
Mechanical data	
Contour for corrugated hose	without
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Material gasket	FKM
Material gasket Locking material	FKM Zinc die-casting



stay connected

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
Conformity	
	DIN EN 04070 0 404 (M40)
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
wire arrangement	brown, black, blue, white, gray
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Cable weigth	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 (jacket)	5,6 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	5
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	
	42
Diameter of single wires	42 0,1 mm
Diameter of single wires Conductor crosssection (wire)	
	0,1 mm
Conductor crosssection (wire)	0,1 mm 0,34 mm ²
Conductor crosssection (wire) Material conductor wire	0,1 mm 0,34 mm² Stranded copper wire, bare
Conductor crosssection (wire) Material conductor wire Conductor type (wire)	0,1 mm 0,34 mm² Stranded copper wire, bare strand class 6
Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track)	0,1 mm 0,34 mm² Stranded copper wire, bare strand class 6 5 m @ 25 °C horizontal
Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track) Current load capacity (standard)	0,1 mm 0,34 mm² Stranded copper wire, bare strand class 6 5 m @ 25 °C horizontal to DIN VDE 0298-4
Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire	0,1 mm 0,34 mm² Stranded copper wire, bare strand class 6 5 m @ 25 °C horizontal to DIN VDE 0298-4 4,5 A
Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire	0,1 mm 0,34 mm² Stranded copper wire, bare strand class 6 5 m @ 25 °C horizontal to DIN VDE 0298-4 4,5 A 57 Ω/km @ 20 °C
Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Nominal voltage power AC max.	0,1 mm 0,34 mm² Stranded copper wire, bare strand class 6 5 m @ 25 °C horizontal to DIN VDE 0298-4 4,5 A 57 Ω/km @ 20 °C 300 V
Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Nominal voltage power AC max. AC withstand voltage power (wire - shield) Power frequency withstand voltage power	0,1 mm 0,34 mm² Stranded copper wire, bare strand class 6 5 m @ 25 °C horizontal to DIN VDE 0298-4 4,5 A 57 Ω/km @ 20 °C 300 V 2 kV @ 60 s
Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Nominal voltage power AC max. AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket)	0,1 mm 0,34 mm² Stranded copper wire, bare strand class 6 5 m @ 25 °C horizontal to DIN VDE 0298-4 4,5 A 57 Ω/km @ 20 °C 300 V 2 kV @ 60 s
Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Nominal voltage power AC max. AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire)	0,1 mm 0,34 mm² Stranded copper wire, bare strand class 6 5 m @ 25 °C horizontal to DIN VDE 0298-4 4,5 A 57 Ω/km @ 20 °C 300 V 2 kV @ 60 s 2 kV @ 60 s
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Conductor crosssection (wire) Material conductor wire Conductor type (wire) Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Electrical resistance line constant wire Nominal voltage power AC max. AC withstand voltage power (wire - shield) Power frequency withstand voltage power (wire - jacket) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed)	0,1 mm 0,34 mm² Stranded copper wire, bare strand class 6 5 m @ 25 °C horizontal to DIN VDE 0298-4 4,5 A 57 Ω/km @ 20 °C 300 V 2 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s -40 °C 80 °C / 90 °C @ 10000 h Operation
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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.
Torsion speed	35 cycles/min
Torsion stress	± 30 °/m