

M12 male 90° / M8 female 90° A-cod.

PVC 3x0.25 bk UL/CSA 2m

Male 90° - female 90°

M12 - M8, 3-pole

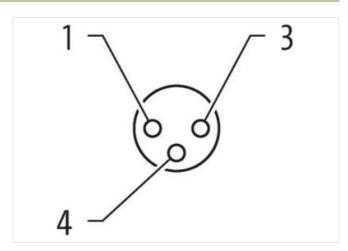
Plastic housings with good resistance against chemicals and oils.

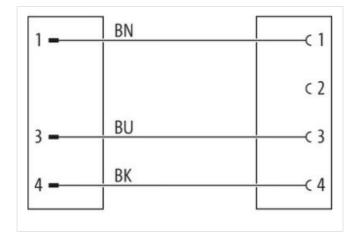
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

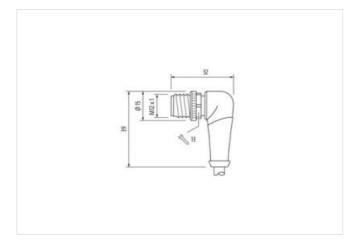
Link to Product

Illustration



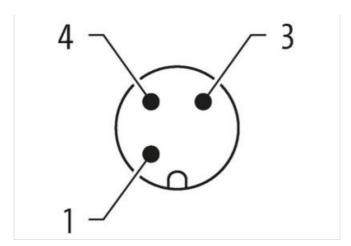


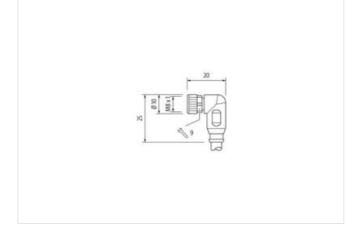






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Product may differ from Image











Cable length	2 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP66K, IP67
Side 2	
Tightening torque	0,4 Nm
Mounting method	inserted, screwed
Family construction form	M8
Thread	M8 x 1
suitable for corrugated tube (internal Ø)	6,5 mm
Material	PUR
Width across flats	SW9
Degree of protection (EN IEC 60529)	IP66K, IP67
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	4048879158268
Packaging unit	1
Electrical data Supply	

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: 2024-05-02



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Operating voltage AC (UL listed) 30 V Current operating per contact max. 4 A Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Raided surge voltage 1,5 kW Markerial group (EC 00064-1) I Machanical data Material data Conting to looking nicker per contact max. 7 km I Machanical data Material data I Material group data I Material group data I Material group data I Material data Material data I Material data Material data I Material group data I Material great data I Material group data I Mate	Operating voltage AC max.	50 V
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Outer-diameter (jacket) Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter insulation 1,25 mm Outer diameter tolerance core insulation \$\pmathbb{\	Shore hardness jacket	85 ± 5 Shore A
Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 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) 14 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,25 mm²	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material wire insulation PVC Amount wires 3 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) 14 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,25 mm²	Outer-diameter (jacket)	4,5 mm
Amount wires 3 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) 14 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,25 mm²	Tolerance outer diameter (sheath)	± 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) 14 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,25 mm²	Material wire insulation	PVC
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) 14 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,25 mm²	Amount wires	3
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) 14 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,25 mm²	Outer diameter insulation	1,25 mm
Material properties wire insulation good machinability Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 14 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,25 mm²	Outer diameter tolerance core insulation	
Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, silicone-free Amount strands (wire) 14 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,25 mm²	Shore hardness wire insulation	45 ± 5 Shore D
Amount strands (wire) 14 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,25 mm²	Material properties wire insulation	<u> </u>
Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,25 mm²	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Conductor crosssection (wire) 0,25 mm ²	Amount strands (wire)	
	Diameter of single wires	0,15 mm
Material conductor wire Stranded copper wire, bare		
	Conductor crosssection (wire)	

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: 2024-05-02



Conductor type (wire)	Strand class 5
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	79 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	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
UV resistance	DIN EN ISO 4892-2 A
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
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter