

M12 male 0° / M12 female 90° A-cod.

PVC 4x0.34 bk UL/CSA 3.4m

Male straight - female 90°

M12 - M12, 4-pole

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

Plastic housings with good resistance against chemicals and oils.

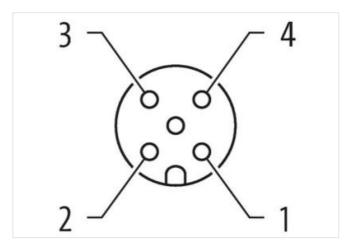
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

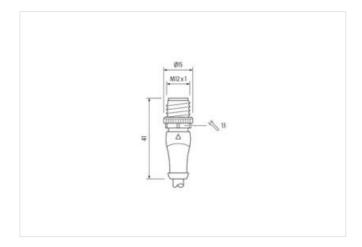
Link to Product

Illustration



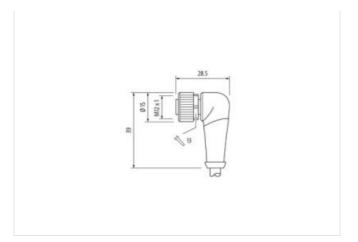


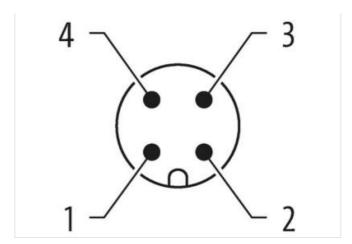






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Product may differ from Image













Mounting method Inserted, screwed	Cable length	3,4 m
Mounting method inserted, screwed amily 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) IP65, IP66K, IP67 Side 2 "Side 2 Injudy construction form M12 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) IP65, IP66K, IP67 Commercial data CCLASS-6.0 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-12.0 27060311 ECLASS-12.0 27060311 ECHASS-12.0 27060311 ECHASS-10.1 4048879177788 Packaging unit	Side 1	
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Packaging unit 1	customs tariff number	85444290
	GTIN	4048879177788
Electrical data Supply	Packaging unit	1
	Electrical data Supply	



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Operating voltage DC max.	
Operating voltage AC (UL-listed) 30 V Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A Installation Connection Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Material group (IEC 60664-1) I Mechanical data Material data Coating locking Nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Metenanical data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Operating temperature min25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Conformity Product standard DIN En 61076-2-101 (M12)	
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Product standard DIN EN 61076-2-101 (M12)	
wire arrangement brown, black, blue, white	
Cable identification 614	
Cable Type 1	
Jacket Color black	
Type of Certificate cURus	
Amount stranding 1	
Stranding 4 wires twisted	
wire arrangement brown, black, blue, white	
Cable weigth 40,7 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 mm	
Tolerance outer diameter (sheath) ± 5 %	
Material wire insulation PVC	
Amount wires 4	
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 mm²
Material conductor wire	Stranded copper wire, bare
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	4,8 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 - 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	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter