

M12 male 0° / M12 female 0° A-cod.

PUR 3x0.34 gy UL/CSA+robot+drag ch. 0.6m

Male straight – female straight M12 – M12, 3-pole bridged

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

Plastic housings with good resistance against chemicals and oils.

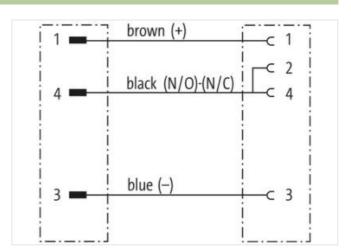
The resistance to aggressive media should be individually tested for your application. Further details on request.

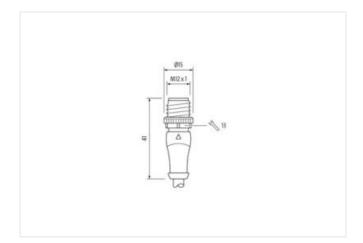
Further cable lengths on request.

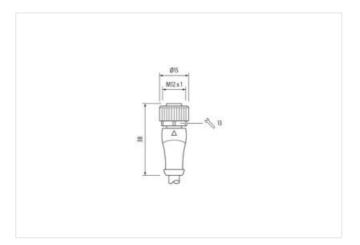
Link to Product

Illustration

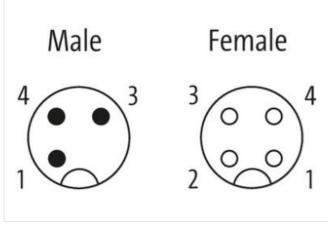












Product may differ from Image













Cable length	0,6 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material contact	Copper alloy
Material	PUR
No. of poles	4
Width across flats	SW13
Commercial data	
ECLASS-6.0	27061801
customs tariff number	85444290
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	250 V

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stay connected

Installation Connection Mounting set M12 x 1 Device protection Electrical M2 x 1 Additional condition protection degree inserted, screwed Pollution Degree as Facilitation up voltage 2.5 N V Machanical group (IEC 96964-1) 1 Machanical data Material data Coating locking safe-cover coated Coating locking nickel plated Material group (IEC 96964-1) PMA Coating locking nickel plated Material screw connection Zinc die-casting Material screw connection Zinc die-casting Machanical data Mouring data Mounterial characteristics Climatic Coperating temperature max 25 °C Operating temperature max 25 °C Additional condition temperature range depending on cable quality Important installation notes Value Note on estain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable fies. Conformity Product standard DIN EN 81078-2-101 (M12) <t< th=""><th>Oranghina valla va DO vasu</th><th>OFO V</th></t<>	Oranghina valla va DO vasu	OFO V
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Outer diameter tolerance core insulation ± 5 %	Outer diameter insulation	1,25 mm
Shore hardness wire insulation 74 ± 3 Shore D	Outer diameter tolerance core insulation	· · · · · · · · · · · · · · · · · · ·
	Shore hardness wire insulation	74 ± 3 Shore D

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Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	6 A
Electrical resistance line constant wire	60 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
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	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C horizontal
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 360 °/m
Torsion speed	35 cycles/min