

## M12 male 90° / M12 female 90° A-cod.

PVC 3x0.34 ye UL/CSA 1.5m

Male 90° – female 90° M12 – M12, 3-pole bridged

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

Plastic housings with good resistance against chemicals and oils.

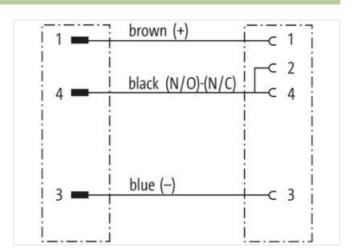
The resistance to aggressive media should be individually tested for your application. Further details on request.

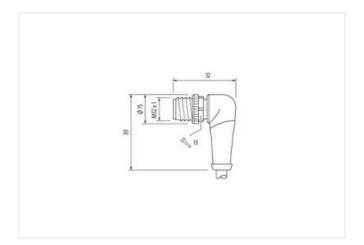
Further cable lengths on request.

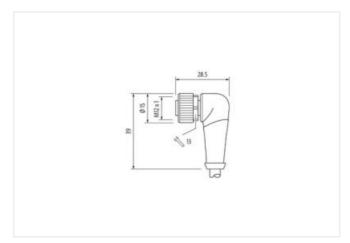
## **Link to Product**

## Illustration

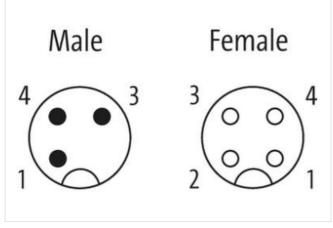












Product may differ from Image













Cable length	1,5 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
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP66K, IP67
Side 2	
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
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP66K, IP67
Commercial data	
ECLASS-6.0	27061801
customs tariff number	85444290
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Installation   Connection	

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: 2024-04-25



stay connected

Device protection   Electrical
Pollution Degree   3   Material group (IEC 60664-1)   1
Material group (IEC 60664-1)   I
Mechanical data   Material data   Nickeled   Coating of fitting   nickel plated
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  Operating temperature min25°C Operating temperature mas. 85°C Additional condition temperature range depending on cable quality  Conformity  Product standard DIN EN 61076-2-101 (M12) Installation   Cable Cable identification 013 Cable Type 1 Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 34,1 g/m Material jacket PVC Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) 4,6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PVC Amount wires 3 Outer diameter (insulation 1,25 mm Outer diameter insulation 45 ± 5 Shore D Material properties wire insulation 45 ± 5 Shore D Material properties 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
Coating of fitting nicket 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  Operating temperature min.
Coating of lifting nickel plated Locking material Zinc dis-casting Material screw connection Zinc die-casting Mechanical data   Mounting data Mounting method inserted, screwed, Shaking protection  Environmental characteristics   Climatic  Operating temperature min. 425 °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 013  Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weigth 34,1 g/m Material jacket PVC Shore hardness jacket 85 ± Shore A Freedom from ingredients (jacket) lead-free, cardmium-free, CFC-free, silicone-free Outer diameter (jacket) 1,25 mm Outer diameter insulation 1,25 mm Outer diameter insulation 1,25 mm Outer diameter insulation 45 ± 5 Shore D Material properties wire insulation 1 good machinability Ingredient freeness were insulation 1 good machinability In
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Dispute of displaying Affine
Diameter of single wires 0,15 mm
Conductor crosssection (wire) 0,34 mm <sup>2</sup>
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 6 A
Electrical resistance line constant wire 57 Ω/km @ 20 °C
Nominal voltage power AC max. 300 V
Power frequency withstand voltage power (wire - jacket) 2 kV @ 60 s
X = P*** ***
AC withstand voltage power (wire - wire) 2 kV @ 60 s



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
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter