

## 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

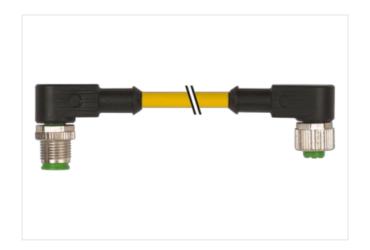
Plastic housings with good resistance against chemicals and oils.

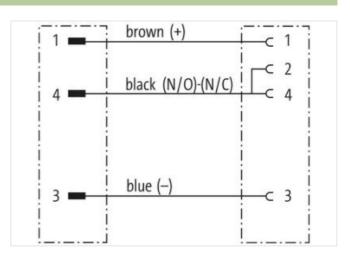
The resistance to aggressive media should be individually tested for your application. Further details on request.

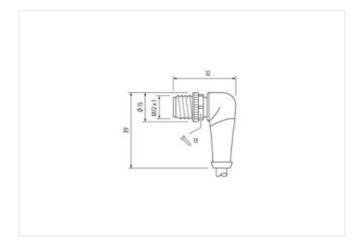
Further cable lengths on request.

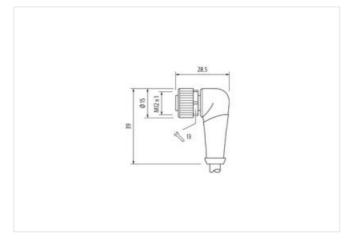
## **Link to Product**

## Illustration



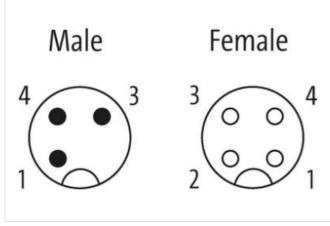








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Product may differ from Image













Fightening torque 0.6 Mm  Mounting method inserted, screwed  Aramily construction form M12  Thread M12 x 1  Unitable for corrugated tube (internal O) 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  Unitable for corrugated tube (internal O) 10 mm  Coding A  A  Miderial 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  Unitable for corrugated tube (internal O) 10 mm  Coding A  A  Miderial PUR  Width across flats SW13  Degree of protection (EN IEC 60529) IP66K, IP67  Commercial data  CCLASS-6.0 27061801  Dustoms tariff number 85444290  Packaging unit 1  Electrical data   Supply  Degreating voltage AC (UL-listed) 30 V  Deperating voltage DC max. 250 V  Deperating voltage DC (UL-listed) 30 V  Deperating voltage DC (UL-listed) 30 V  Deperating voltage PC (UL-listed) 30 V	Cable length	1,5 m
Mounting method inserted, screwed  amily construction form M12  Thread M12 x 1  suitable for corrugated tube (internal Ø) 10 mm  Doding 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  amily construction form M12  Thread M12 x 1  suitable for corrugated tube (internal Ø) 10 mm  Doding A  Material PUR  Witch across flats SW13  Degree of protection (EN IEC 60529) IP66K, IP67  Side 2  Construction form M12  Thread M12 x 1  suitable for corrugated tube (internal Ø) 10 mm  Doding A  Material PUR  Witch across flats SW13  Degree of protection (EN IEC 60529) IP66K, IP67  Commercial data  COLASS-6.0 27061801  sustoms tariff number 85444290  Packaging unit 1  Electrical data   Supply  Deparating voltage AC (UL-listed) 30 V  Deparating voltage DC (UL-listed) 30 V	Side 1	
Family construction form M12  Thread M12 x 1  Juitable for corrugated tube (internal Ø) 10 mm  Juitable for corrugated tube (internal Ø) 10 mm  Juitable for corrugated tube (internal Ø) A  Material PUR  Width across flats SW13  Degree of protection (EN IEC 60529) IP66K, IP67  Side 2  Tightening torque 0,6 Nm  Juitable for corrugated tube (internal Ø) inserted, screwed  Family construction form M12  Thread M12 x 1  Juitable for corrugated tube (internal Ø) 10 mm  Juitable for corrugated tube (internal Ø) 10 mm  Juitable for corrugated tube (internal Ø) 10 mm  Juitable for corrugated fube (internal Ø) 10 mm  Juitable fo	Tightening torque	0,6 Nm
Thread M12 x 1  Suitable for corrugated tube (internal Ø) 10 mm  Coding A  Midatrial 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  Sustoms tariff number 85444290  Poerating voltage AC max. 250 V  Deperating voltage AC (UL-listed) 30 V  Courrent operating voltage DC (UL-listed) 30 V  Courrent operating voltage DC (UL-listed) 30 V  Courrent operating voltage DC contact max. 4 AA	Mounting method	inserted, screwed
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         Framing torque           Mounting method         inserted, screwed           Family construction form         M12           Thread         M12 x 1           suitable for corrugated tube (internal Ø)         10 mm           Oxiding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP66K, IP67           Commercial data         ECLASS-6.0           Sustoms tariff number         85444290           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         250 V           Operating voltage DC max.         250 V           Operating voltage DC max.         250 V           Operating voltage PC contact max.         4 A           Outcomert operating per contact max.         4 A	Family construction form	M12
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Degree of protection (EN IEC 60529)  Fightening torque  O,6 Nm  Mounting method  inserted, screwed  Family construction form  M12  Thread  M12 x 1  Suitable for corrugated tube (internal Ø)  Ooding  A  Material  PUR  Midth across flats  Degree of protection (EN IEC 60529)  P66K, IP67  Commercial data  ECLASS-6.0  27061801  Dustoms tariff number  Packaging unit  1  Electrical data   Supply  Deparating voltage AC (UL-listed)  Deparating voltage AC (UL-listed)  Deparating voltage AC (UL-listed)  Outperating voltage DC (UL-listed)	Material	PUR
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  Midth across flats SW13  Degree of protection (EN IEC 60529) IP66K, IP67  Commercial data  ECLASS-6.0 27061801  Sustoms tariff number 85444290  Packaging unit 1  Electrical data   Supply  Deparating voltage AC max. 250 V  Deparating voltage AC (UL-listed) 30 V  Deparating voltage AC (UL-listed) 30 V  Corrent operating per contact max. 4 A	Width across flats	SW13
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Width across flats Degree of protection (EN IEC 60529) IP66K, IP67  Commercial data ECLASS-6.0 27061801 Sustoms tariff number Sackaging unit 1  Electrical data   Supply Deperating voltage AC max. 250 V Deperating voltage DC max. 250 V Deperating voltage AC (UL-listed) Deperating voltage DC (UL-listed) 30 V Deperating voltage DC (UL-listed) 30 V Deperating per contact max. 4 A	Coding	A
Commercial data  ECLASS-6.0 27061801  Sustoms tariff number 85444290  Packaging unit 1  Electrical data   Supply  Operating voltage AC max. 250 V  Operating voltage AC (UL-listed) 30 V  Operating voltage DC (UL-listed) 30 V  Current operating per contact max. 4 A	Material	PUR
Commercial data  ECLASS-6.0 27061801  Sustoms 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  Operating voltage DC (UL-listed) 30 V  Operating voltage DC (UL-listed) 4 A	Width across flats	SW13
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Operating voltage DC (UL-listed) 30 V Current operating per contact max. 4 A	Operating voltage DC max.	250 V
Current operating per contact max. 4 A	Operating voltage AC (UL-listed)	30 V
	Operating voltage DC (UL-listed)	30 V
Installation   Connection	Current operating per contact max.	4 A
	Installation   Connection	



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Mounting set	M12 x 1
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Material group (IEC 60664-1)	1
Mechanical data   Material data	
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 min.	-25 °C
Operating temperature max.	85 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
•	
Note on strain relief  Note on bending radius	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
	endangered by excessive bending forces.
Conformity	DIN FN 04070 0 404 (M40)
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)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	4,6 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires Outer diameter insulation	3
	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 0.15 mm
Diameter of single wires  Conductor propagation (wire)	0,15 mm
Conductor crosssection (wire)  Material conductor wire	0,34 mm² Stranded copper wire, bare
	Stranded copper wire, bare Strand class 5
Conductor type (wire)	Strand class 5
Nominal voltage AC max.	300 V to DIN VDE 0298-4
Current load capacity (standard)  Current load capacity min. wire	6 A
оителі юдо сарасіцу тіп. wire	UA

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: 2024-05-09



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
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