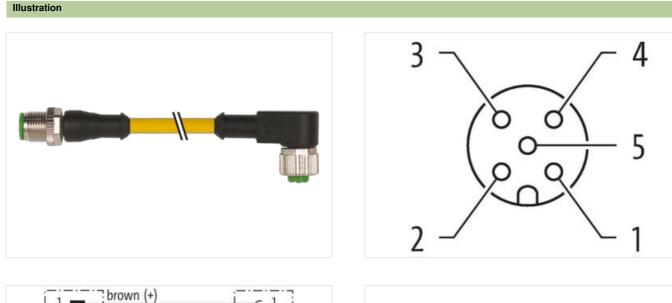


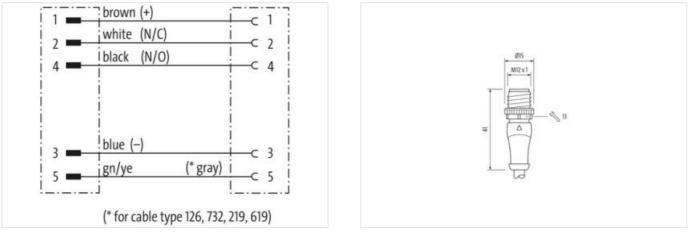
M12 male 0° / M12 female 90° A-cod.

PVC 5x0.34 ye UL/CSA 3m

Male straight – female 90° M12 – M12, 5-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.

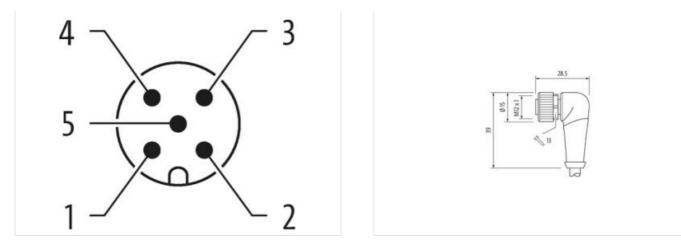
## Link to Product





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Product may differ from Image



Cable length	3 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	А	
Material	PUR	
Width across flats	SW13	
Degree of protection (EN IEC 60529)	IP65, 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 $\emptyset$ )	10 mm	
Coding	А	
Material	PUR	
Width across flats	SW13	
Degree of protection (EN IEC 60529)	IP65, 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	4048879438964	
Packaging unit	1	

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## Electrical data | Supply

Electrical data   Supply		
Operating voltage AC max.	125 V	
Operating voltage DC max.	125 V	
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	
Rated surge voltage	1,5 kV	
Material group (IEC 60664-1)		
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 ℃	
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.	
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.	
Conformity		
Product standard	DIN EN 61076-2-101 (M12)	
Installation   Cable		
Cable identification	015	
Cable Type		
Jacket Color	1	
Type of Certificate	1 vellow	
Amount stranding	yellow	
Amount stranding		
Stranding	yellow cURus	
•	yellow cURus 1	
Stranding	yellow cURus 1 5 wires around Core filler twisted	
Stranding Filler	yellow cURus 1 5 wires around Core filler twisted yes	
Stranding Filler wire arrangement	yellow cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, green-yellow	
Stranding Filler wire arrangement Cable weigth	yellow cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, green-yellow 48,4 g/m	
Stranding Filler wire arrangement Cable weigth Material jacket	yellow cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, green-yellow 48,4 g/m PVC	
Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket	yellow cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, green-yellow 48,4 g/m PVC 85 ± 5 Shore A	
Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	yellow   cURus   1   5 wires around Core filler twisted   yes   brown, black, blue, white, green-yellow   48,4 g/m   PVC   85 ± 5 Shore A   lead-free, cadmium-free, CFC-free, silicone-free	
Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	yellow   cURus   1   5 wires around Core filler twisted   yes   brown, black, blue, white, green-yellow   48,4 g/m   PVC   85 ± 5 Shore A   lead-free, cadmium-free, CFC-free, silicone-free   5,2 mm	
Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	yellow   cURus   1   5 wires around Core filler twisted   yes   brown, black, blue, white, green-yellow   48,4 g/m   PVC   85 ± 5 Shore A   lead-free, cadmium-free, CFC-free, silicone-free   5,2 mm   ± 5 %	
Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation	yellow   cURus   1   5 wires around Core filler twisted   yes   brown, black, blue, white, green-yellow   48,4 g/m   PVC   85 ± 5 Shore A   lead-free, cadmium-free, CFC-free, silicone-free   5,2 mm   ± 5 %   PVC	
Stranding   Filler   wire arrangement   Cable weigth   Material jacket   Shore hardness jacket   Freedom from ingredients (jacket)   Outer-diameter (jacket)   Tolerance outer diameter (sheath)   Material wire insulation   Amount wires	yellowcURus15 wires around Core filler twistedyesbrown, black, blue, white, green-yellow48,4 g/mPVC85 ± 5 Shore Alead-free, cadmium-free, CFC-free, silicone-free5,2 mm± 5 %PVC51,25 mm± 5 %	
Stranding   Filler   wire arrangement   Cable weigth   Material jacket   Shore hardness jacket   Freedom from ingredients (jacket)   Outer-diameter (jacket)   Tolerance outer diameter (sheath)   Material wire insulation   Amount wires   Outer diameter insulation	yellow   cURus   1   5 wires around Core filler twisted   yes   brown, black, blue, white, green-yellow   48,4 g/m   PVC   85 ± 5 Shore A   lead-free, cadmium-free, CFC-free, silicone-free   5,2 mm   ± 5 %   PVC   5   1,25 mm	

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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 mm <sup>2</sup>	
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	4,5 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	
Flame resistance	UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2	
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	

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