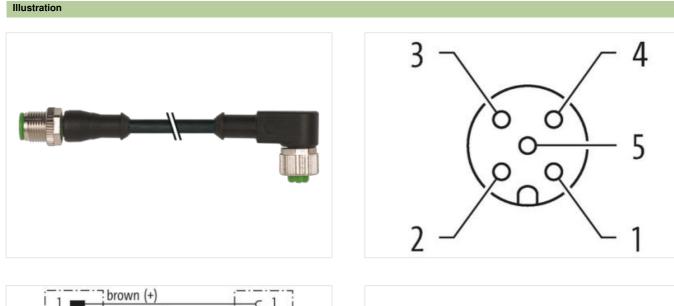


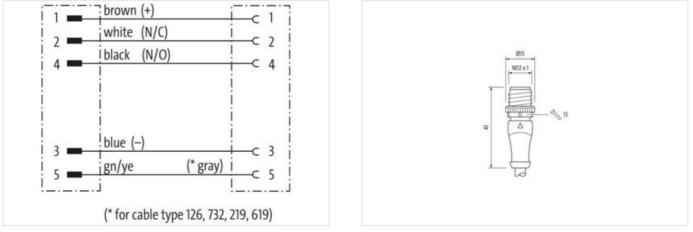
M12 male 0° / M12 female 90° A-cod.

PVC 5x0.34 bk UL/CSA 2m

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.

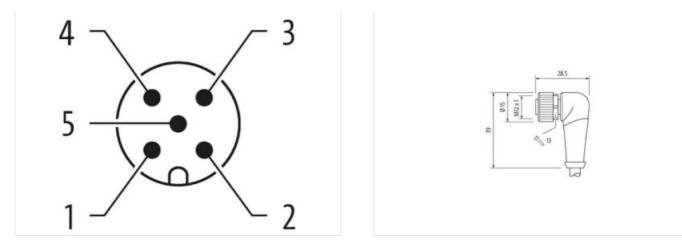
## Link to Product





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Product may differ from Image



Cable length	2 m	
Side 1		
Fightening torque	0,6 Nm	
Mounting method	inserted, screwed	
amily construction form	M12	
hread	M12 x 1	
uitable for corrugated tube (internal $\emptyset$ )	10 mm	
Coding	A	
Material	PUR	
Vidth across flats	SW13	
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67	
Side 2		
ightening torque	0,6 Nm	
Mounting method	inserted, screwed	
amily construction form	M12	
hread	M12 x 1	
uitable for corrugated tube (internal Ø)	10 mm	
Coding	A	
/laterial	PUR	
/idth across flats	SW13	
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67	
Commercial data		
ECLASS-6.0	27279218	
ECLASS-7.0	27279218	
CLASS-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	4048879176507	
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 °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.	
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	615	
Cable Type	1	
Jacket Color		
Type of Certificate	black	
Amount stranding	black cURus	
Amount stranding		
Stranding	cURus	
Ũ	cURus 1	
Stranding	cURus 1 5 wires around Core filler twisted	
Stranding Filler wire arrangement	cURus       1       5 wires around Core filler twisted       yes	
Stranding Filler	cURus         1         5 wires around Core filler twisted         yes         brown, black, blue, white, green-yellow	
Stranding Filler wire arrangement Cable weigth	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	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	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)	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)	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)	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	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	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	
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	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)	0° C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	0° C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
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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