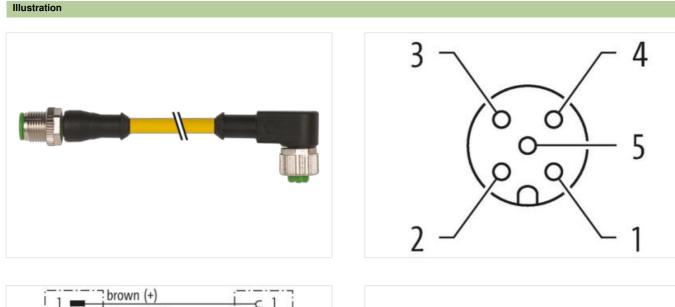


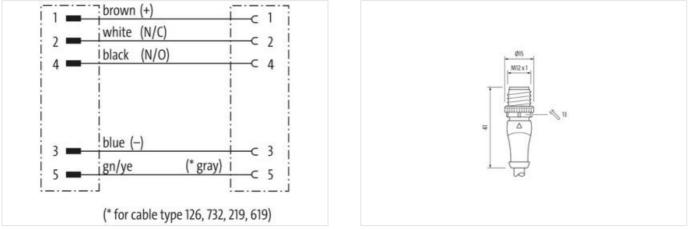
M12 male 0° / M12 female 90° A-cod.

PVC 5x0.34 ye UL/CSA 0.6m

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.

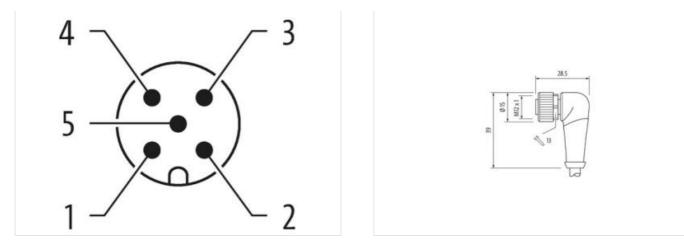
Link to Product





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Product may differ from Image



Cable length	0,6 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)	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 Ø)	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	4048879418584
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		
•	NP-1-1-4	
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		
wire arrangement	brown, black, blue, white, green-yellow	
Cable identification	015	
Cable identification Cable Type	015	
Cable identification Cable Type Jacket Color	015 1 yellow	
Cable identification Cable Type Jacket Color Type of Certificate	015 1 yellow cURus	
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding	015 1 yellow cURus 1	
Cable identification Cable Type Jacket Color Type of Certificate	015 1 yellow cURus 1 5 wires around Core filler twisted	
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler	015 1 yellow cURus 1 5 wires around Core filler twisted yes	
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement	015 1 yellow cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, green-yellow	
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth	015 1 yellow cURus 1 5 wires around Core filler twisted yes	
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket	015 1 yellow cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, green-yellow 48,4 g/m	
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket	015 1 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	
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket	015 1 yellow cURus 1 5 wires around Core filler twisted yes brown, black, blue, white, green-yellow 48,4 g/m PVC	
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	015 1 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	
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	015 1 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	
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	015 1 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 %	
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding 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	015 1 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	
Cable identification Cable Type Jacket Color Type of Certificate Amount stranding 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	015 1 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	

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Material properties wire insulation	good machinability	
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 ²	
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° 08	
Operating temperature min. (dynamic)	-5 °C	
Operating temperature max. (dynamic)	0° 08	
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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