

M12 male 0° / M12 female 0° A-cod.

PVC 4x0.34 bk UL/CSA 14m

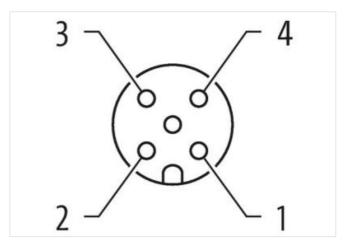
Male straight – female straight M12 – M12, 4-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

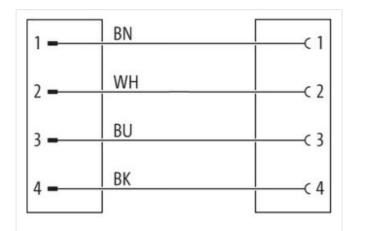
Link to Product

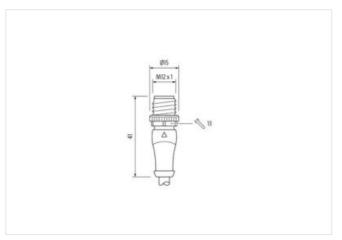
Illustration





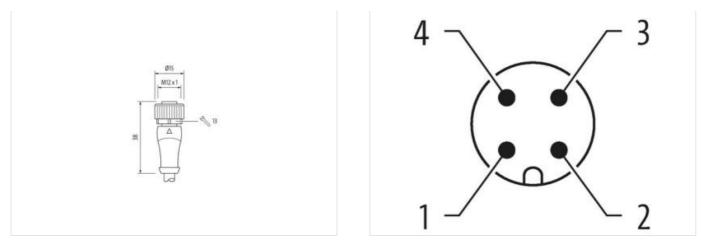






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Product may differ from Image



Cable length	14 m	
Side 1		
Tightening torque	0,6 Nm	
Mounting method	inserted, screwed	
amily construction form	M12	
Thread	M12 x 1	
uitable 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		
Fightening 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	
Material	PUR	
Vidth across flats	SW13	
Commercial data		
CLASS-6.0	27279218	
ECLASS-7.0	27279218	
CLASS-8.0	27279218	
ECLASS-9.0	27060311	
ECLASS-10.1	27060311	
CLASS-11.1	27060311	
CLASS-12.0	27060311	
ETIM-5.0	EC001855	
customs tariff number	85444290	
GTIN	4048879702836	
Packaging unit	1	

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Electrical data | Supply

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		
Mounting set	M12 x 1	
Device protection Electrical		
Additional condition protection degree	inserted, screwed	
Pollution Degree	3	
Rated surge voltage	2,5 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		
wire arrangement	brown, black, blue, white	
Cable identification	614	
Cable Type	1	
Jacket Color	black	
Type of Certificate	black	
	cURus	
Amount stranding		
0	cURus	
Stranding	cURus 1	
Stranding wire arrangement	cURus 1 4 wires twisted	
Stranding wire arrangement Cable weigth	cURus 1 4 wires twisted brown, black, blue, white	
Stranding wire arrangement Cable weigth Material jacket	cURus 1 4 wires twisted brown, black, blue, white 40,7 g/m	
Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket	cURus 1 4 wires twisted brown, black, blue, white 40,7 g/m PVC	
Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	cURus 1 4 wires twisted brown, black, blue, white 40,7 g/m PVC 85 ± 5 Shore A	
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	cURus 1 4 wires twisted brown, black, blue, white 40,7 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free	
Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath)	cURus 1 4 wires twisted brown, black, blue, white 40,7 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5 mm	
Stranding wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	cURus 1 4 wires twisted brown, black, blue, white 40,7 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5 mm ± 5 %	
Stranding 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 4 wires twisted brown, black, blue, white 40,7 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5 mm ± 5 % PVC	
Stranding 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 4 wires twisted brown, black, blue, white 40,7 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5 mm ± 5 % PVC 4	
Stranding 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 4 wires twisted brown, black, blue, white 40,7 g/m PVC 85 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 5 mm ± 5 % PVC 4 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 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	4,8 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)	80 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
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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