

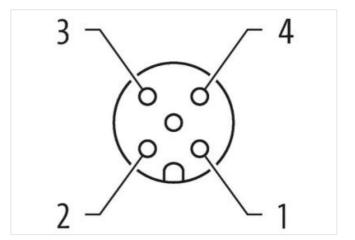
M12 male 0° / M12 female 90° A-cod.

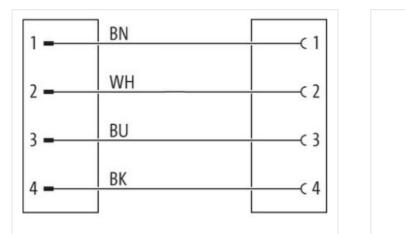
PVC 4x0.34 bk UL/CSA 7.5m

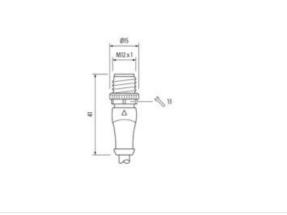
Male straight – female 90° M12 – M12, 4-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product





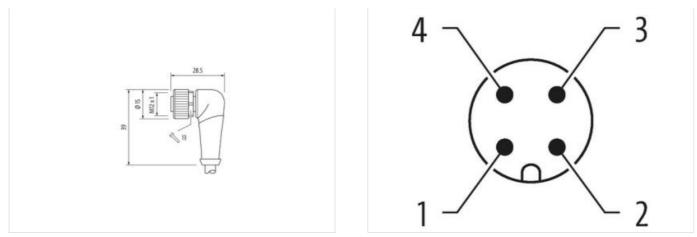




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Product may differ from Image



Cable length	7,5 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
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
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	4048879326582
Packaging unit	1
Electrical data Supply	

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Operating voltage DC max. 280 V Operating voltage AC (ILI-letted) 30 V Current operating per contact max. 4 A Installation Connection Installation Connection Operating voltage AC (ILI-letted) 30 V Current operating per contact max. 4 A Installation Connection Installation Connection Operating voltage AC (ILI-letted) Installation Connection Electrical Additional protection of degree inserted, screwed Pollution Degree 3 Material group (IEC 60664+1) 1 Mechanical data Material data Coating of fitting Coating of fitting nickel plated Coating of fitting nickel plated Coating of fitting Zine die casting Mechanical data Mounting data Sine die casting <t< th=""><th>Operating voltage AC max.</th><th>250 V</th></t<>	Operating voltage AC max.	250 V
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Current operating per contact max. 4 A Installation Connection Mouning set M12 x 1 Device protection Electrical Electrical Mouning set M12 x 1 Device protection Electrical Electrical Mouning set M12 x 1 Additional condition protection degree inserted, screwed Pollution Degree 3 Additional condition protection degree inserted, screwed Pollution Degree 3 Coating of titing Nickeled Coating of titing Nickeled Coating of titing Nickeled Coating of titing Nickeled Locking material Zinc die casting Mechanical data Mounting data Mounting method Inserted, screwed, Shaking protection Environmental characteristics Climatic Coperating temperature mn. -25 °C -Coperating temperature mn. -25 °C Operating temperature mn. -25 °C -Coperating temperature mn. -25 °C Operating temperature max. Attention: Observe the permisable bending radii when laying cables, as the IP protection class can be endangered by accessive bending forces. Colorentiy Une Set of Set-101 (M12) Inselfed attention:	Operating voltage AC (UL-listed)	30 V
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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 Endangered by excessive bending forces. Product standard DIN EN 61076-2-101 (M12) Installation Cable Endangered by excessive bending forces. wire arrangement brown, black, blue, white Cable identification 614 Cable Type 1 Jacket Color black Type of Certificate cURus Amount stranding 1 Stranding 4 wires twisted wire arrangement brown, black, blue, white Cable weigth 40,7 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) 5 mm	Operating temperature max.	85 °C
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Jacket ColorblackType of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth40,7 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5 mm	Cable identification	614
Type of CertificatecURusAmount stranding1Stranding4 wires twistedwire arrangementbrown, black, blue, whiteCable weigth40,7 g/mMaterial jacketPVCShore hardness jacket85 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, silicone-freeOuter-diameter (jacket)5 mm	Cable Type	1
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Cable weigth 40,7 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) 5 mm	Stranding	4 wires twisted
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) 5 mm	wire arrangement	brown, black, blue, white
Shore hardness jacket 85 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 5 mm	Cable weigth	40,7 g/m
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, silicone-free Outer-diameter (jacket) 5 mm	Material jacket	PVC
Outer-diameter (jacket) 5 mm	Shore hardness jacket	85 ± 5 Shore A
	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Tolerance outer diameter (sheath) ± 5 %		
Material wire insulation PVC		
Amount wires 4		
Outer diameter insulation 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		leag-tree, cagmium-tree, GEG-tree, silicone-tree
Amount strands (wire) 19		19

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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)	2° 08
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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