

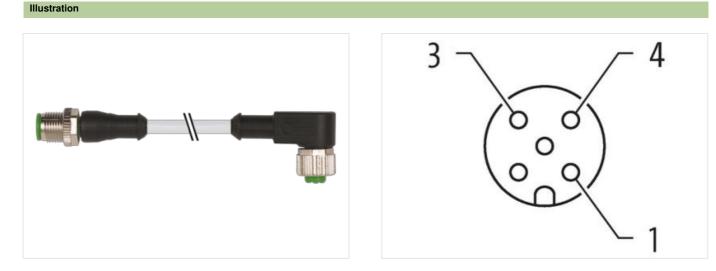
M12 male 0° / M12 female 90° A-cod.

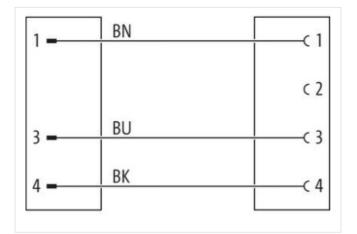
PUR 3x0.34 gy UL/CSA 2m

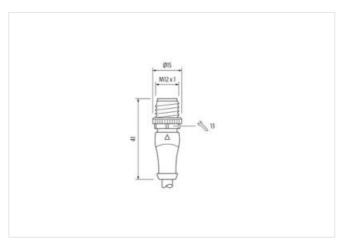
⚠ NOTICE ⚠ PRODUCT IS DISCONTINUED. PLEASE HAVE A LOOK AT THE ALTERNATIVE PRODUCTS.

Male straight – female 90° M12 – M12, 3-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



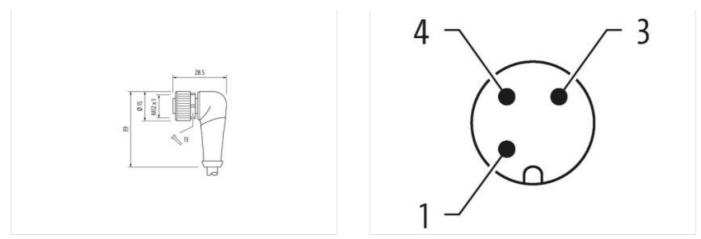




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Product may differ from Image



Cable length	2 m
Side 1	
Fightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable 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	
Fightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
hread	M12 x 1
uitable for corrugated tube (internal \emptyset)	10 mm
oding	A
laterial	PUR
Vidth across flats	SW13
egree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data	
CLASS-6.0	27279218
CLASS-6.1	27279218
CLASS-7.0	27279218
CLASS-8.0	27279218
CLASS-9.0	27060311
CLASS-10.1	27060311
CLASS-11.1	27060311
CLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879179508

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Electrical data I Suppy 250 V Operating visitings AC max. 250 V Operating visitings OD max. 250 V Operating visitings OD Linetand. 30 V Operating visitings OD Linetand. 4 A Institution Connection 4 A District operating visitings OD Linetand. Mil 2 n Operating visiting OD Linetand. Mil 2 n District operating visiting OD Linetand. To Concessiting OD Linetand. District operating visiting OD Linetand. To Concessiting District OD Linetand. District operating visiting OD Linetand. To Concessiting District OD Linetand. District OD Linetand. To Concessiting District OD Linetand. District OD Linetand. To Concessiting District OD Linetand. </th <th>Packaging unit</th> <th>1</th>	Packaging unit	1
Operating voltage AC (UL Helded) 30 V Munding art M12 x 1 Device protection Electrical	Electrical data Supply	
Operating voltage AC (UL Helded) 30 V Munding art M12 x 1 Device protection Electrical	Operating voltage AC max.	250 V
Operating voltage AC (UL Island) 30 V Operating voltage AC (UL Island) 30 V Concert operating per context max. 4 A Installation Connection Mainting set Device production Electrical Mainting set Additional condition protection (electrical Installation Connection Additional condition protection (electrical Installation Connection Relational condition protection (electrical Installation Connection Material group (IEC 60064-1) I Mechanical data Material data Contain [oxforth] Contain [oxforth] Installet accore worther (Installet accore worther (Insta	· · · ·	250 V
Operating variage DC (UL-inder) 90 V Current operating par contact max. 4 A Installation [Conconcion Installation [Conconcion [Electrical Mounting set M12 x 1 Device protection [Electrical Additional concilon protection degrae Patitude surge voltage 2 Rated arge voltage 2.5 kV Material group (IEC 60664-1) 1 Mechanical data [Material data Coacting of filing Coacting of filing nickle platted Coacting to properature min. 25 °C Operating tropperature min. 26 °C Operating tropperature min. 42 °C °C </td <td></td> <td>30 V</td>		30 V
Installation Connection Mouring set M12 x 1 Device protection Electrical Inserted, serowed Addronal condition protection orgene inserted, serowed Pollution protection protection orgene 3 Rated surge voltage 2,5 kV Material group (IEC 66664-1) I Material group (IEC 66664-1) Inserted, serowed, Stake Jalade Costing of fitting inserted, serowed, Staking protection Material group (IEC 66664-1) Zine die-casting Operating temperature max. 65 °C Operating temperature max. 65 °C Additional condition temperature max. 65 °C Not on shelling radius Protect the connectors by suitable masures from mechanical loads, e.g. by the usage of cable lose. Not on shelling radius Protecasting formax		30 V
Maining aet M12 x 1 Poriection Electria Inserted, screwed, Sc		4 A
Device protection Electrical Inserted, screwed Additional condition protection degree 3 Pollution Degree 3 Rated surge vortage 2.5 kV Material group (EC 6064-1) 1 Meterial group (EC 6064-1) 1 Casting locking and partical data Meterial group (EC 6064-1) Casting locking of Hitrig Incide Jated Addition acrow connection Zinc die-casting Material screw connection Zinc die-casting Material condition protection Zinc die-casting Material screw connection Since casting Portecting temperature min. 25 °C Operating temperature max. 85 °C Note on strain relief Protect the connectore by suitable measures from mechanical loads, e.g. by the usage of cable tes. <	Installation Connection	
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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) Cable Cable Cable Cable Cable (VUR/PVC) Approval (cable) UL (AWM-Style 20549/1731), CSA; CE conform Cable weight [g/m] 35,97 g Material wire Cu wire, bare Resistor (core) max. 57 Ω/km (20 °C) Material wire Cu wire, bare Construction (core) 42. 0.1 mm (multi-strand wire class 6) Diameter (core) 3x. 334 mm ² AWG similar to AWG 22 Material property wire insulation CFC-, cadmium-, silicone- and lead-free Shore hardness wire isolation 43 ± 5 D Mite-30 (Sing and Sing and	Additional condition temperature range	depending on cable quality
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Resistor (core)max. 57 Ω/km (20 °C)Single wire Ø (core)0.1 mmConstruction (core)42× 0.1 mm (multi-strand wire class 6)Diameter (core)3× 0.34 mm²AWGsimilar to AWG 22Material wire isolationPVCMaterial property wire insulationCFC-, cadmium-, silicone- and lead-freeShore hardness wire isolation43 ±5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, blStranding combination3 wires twistedShieldno		Cu wire, bare
Single wire Ø (core)0.1 mmConstruction (core)42× 0.1 mm (multi-strand wire class 6)Diameter (core)3× 0.34 mm²AWGsimilar to AWG 22Material wire isolationPVCMaterial property wire insulationCFC-, cadmium-, silicone- and lead-freeShore hardness wire isolation43 ±5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, blStranding combination3 wires twistedShieldno	Resistor (core)	
Construction (core)42× 0.1 mm (multi-strand wire class 6)Diameter (core)3× 0.34 mm²AWGsimilar to AWG 22Material wire isolationPVCMaterial property wire insulationCFC-, cadmium-, silicone- and lead-freeShore hardness wire isolation43 ±5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, blStranding combination3 wires twistedShieldno	Single wire Ø (core)	
Diameter (core) $3 \times 0.34 \text{ mm}^2$ AWGsimilar to AWG 22Material wire isolationPVCMaterial property wire insulationCFC-, cadmium-, silicone- and lead-freeShore hardness wire isolation $43 \pm 5 \text{ D}$ Wire-Ø incl. isolation1.25 mm $\pm 5\%$ Color/numbering of wiresbr, bk, blStranding combination3 wires twistedShieldno		42× 0.1 mm (multi-strand wire class 6)
AWGsimilar to AWG 22Material wire isolationPVCMaterial property wire insulationCFC-, cadmium-, silicone- and lead-freeShore hardness wire isolation43 ±5 DWire-Ø incl. isolation1.25 mm ±5%Color/numbering of wiresbr, bk, blStranding combination3 wires twistedShieldno	Diameter (core)	
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Shore hardness wire isolation 43 ±5 D Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires br, bk, bl Stranding combination 3 wires twisted Shield no	Material wire isolation	PVC
Shore hardness wire isolation 43 ±5 D Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires br, bk, bl Stranding combination 3 wires twisted Shield no	Material property wire insulation	CFC-, cadmium-, silicone- and lead-free
Wire-Ø incl. isolation 1.25 mm ±5% Color/numbering of wires br, bk, bl Stranding combination 3 wires twisted Shield no		43 ±5 D
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	Shield	no

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CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-

Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion- resistant, hydrolysis and microbial resistant
Shore hardness jacket	80 ±5 A (PVC-under jacket); 85 ±5 A (PUR-jacket)
Outer-Ø (jacket)	4.3 mm ±5%
Color jacket	gray
chemical resistance	good resistance to oil, gasoline and chemicals
Nominal voltage	UL 300 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-30+80 °C
Temperature range (mobile)	-5+80 °C
Bending radius (fixed)	10× outer Ø
Bending radius (dynamic)	15× outer Ø
No. of bending cycles (C-track)	max. 2 Mio. (25 °C)
Travel speed (C-track)	max. 3.3 m/s
Acceleration (C-track)	max. 5 m/s ²

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