

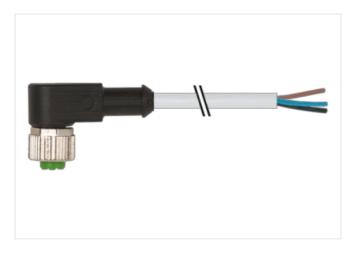
M12 female 90° A-cod. with cable

PUR 3x0.34 gy UL/CSA+drag ch. 4m

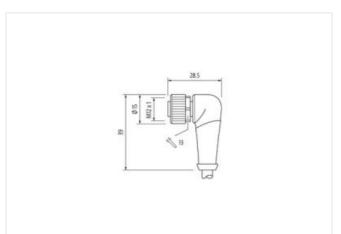
Female 90° M12, 3-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

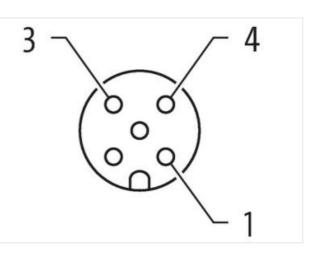
Link to Product











Product may differ from Image



 Cable length
 4 m

 Side 1
 7

 Tightening torque
 0,6 Nm

 The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-21

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Mounting method Family construction form	inserted, screwed M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
No. of poles	3
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Commercial data	
	07001001
ECLASS-6.0	27061801
ECLASS-10.1 ECLASS-11.1	27060311
ECLASS-11.1 ECLASS-12.0	27060311 27060311
customs tariff number	85444290
GTIN	4048879875158
Packaging unit	1
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	
Stripping length (jacket)	20 mm
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	

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Cable Type 3 Jacket Color gray Type of Certificate cLFkus Arrount stranding 1 Stranding 3 wines twisted wine arrangement brow, Nack, Nue Cable weight 28,7 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredomis (jacket) 1 ead-free, cadmium-free, CFC-free, halogen-free Outer-diameter (jacket) 4.5 % Material jacket PP Amount wires 3 Outer diameter insulation 1.25 rm Outer diameter insulation 1.25 rm Outer diameter insulation 7.0 ± 5 Shore D Ingredemt treeness wire insulation 1.25 rm Outer diameter insulation 1.25 rm Outer diameter insulation 1.25 rm Ingredemt treeness wire insulation 1.25 rm Mount strand, Sire 9.2 Shore D Ingredemt treeness wire insulation 1.25 rm Under diameter insulation 1.25 rm Carabid corps wires 0.1 mm	Cable identification	233
Jacket Color gray Type of Certificate cURus Amount standing 1 Stranding 3 wires twisted wire arrangement brown, black, blue Cable weight 29,7 g/m Material jacket PUR Shore hardness jacket 90,5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (jacket) 4,1 mm Tolerance cuter diameter (jacket) 4,3 mm Outer diameter insulation PP Amount strands 3 Outer diameter insulation 1,25 mm Outer diameter insulation 1,25 mm Outer diameter insulation 1,26 mm Outer diameter insulation 1,82 mm Outer diameter insulation 1,92	Cable Type	3
Type of Certificate cUFus Amount stranding 1 Stranding Swires twisted wire arrangement brown, black, blue Cable weigh 29,7 g/m Material jackel PUR Shore hardness jacket 90.5 S Shore A Freedom trom ingredents (jacket) lead free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (jacket) 4.1 mm Tolerance outer diameter (jacket) 4.5 % Amount wires 3 Outer diameter (jacket) 1.25 mm Outer diameter insulation 1.25 mm Outer diameter insulation 70.1 5 Shore D Ingredient freeness wire insulation 1.25 mm Conductor crossection (wire) 0.34 mm? Material isonductor wire 0.1 mm Conductor crossection (wire) 0.34 mm? Material isonductor wire Straded copper wire, bare Conductor crossection (wire) 0.24 kW @ 60 s Momini voltage AC max. 300 V Current load capacity firm. wire 6 A Electrical resistance line constant wire 57 GAm @ 20 °		grav
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Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	chemical resistance	Good, application-related testing
Bending radius (fixed) 5 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 10 Mio. @ 25 °C No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Gasoline resistance	Good, application-related testing
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Travel speed (C-track)10 Mio. @ 25 °CNo. of torsion cycles2 Mio.Torsion stress± 180 °/m	Bending radius (fixed)	5 x Outer diameter
No. of torsion cycles 2 Mio. Torsion stress ± 180 °/m	Bending radius (dynamic)	10 x Outer diameter
Torsion stress ± 180 °/m	Travel speed (C-track)	10 Mio. @ 25 °C
	No. of torsion cycles	2 Mio.
Torsion speed 35 cycles/min	Torsion stress	± 180 °/m
	Torsion speed	35 cycles/min

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-21

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