

stay connected

M12 female 0° A-cod. with cable

PUR 8x0.34 bk UL/CSA+drag ch. 35m

Female straight

M12, 8-pole

Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

with cable sleeves

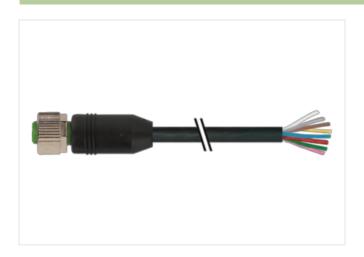
Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

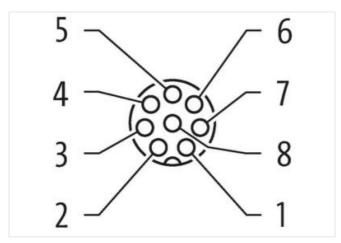
Further cable lengths on request.

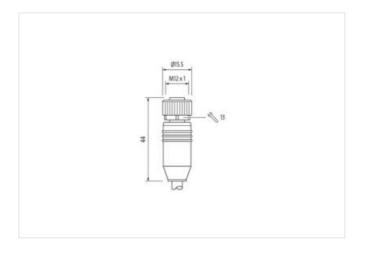
Link to Product

Illustration









Product may differ from Image











Cable length

35 m

Side 1

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: 2024-06-22



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Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	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	4048879890441
Packaging unit	1
Electrical data Supply	
	00.14
Operating voltage AC max.	30 V
Operating voltage DC max.	30 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	2 A
Installation Connection	NA A
Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	0,8 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.
Installation Cable	
Installation Cable wire arrangement	brown, white, red, blue, pink, gray, yellow, green

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Jacket Color black Type of Certificate cURus Carbinicate cURus Amount stranding Swires around Core filler twisted Filler yes Wrie arrangement brown, white, red, blue, pink, gray, yellow, green Cable weight 64,9 g/m Material jacket PUR Shore hardness jacket 90 ± S Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 6,9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires B Outer diameter Insulation 55 ± 5 Shore D Ingredient freeness wire insulation 65 ± 5 Shore D Ingredient freeness wire insulation 1 lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Amount strands (wire) 42 Diameter of single wires 0,1 mm Conductor cross-section (wire) 0,34 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 Nominal voltage (wire - wire) 6 kV @ 60 s Min. operating temperature (ised) 90 °C Ciperating temperature (ised) 90 °C Operating temperature (ised) 90 °C Operating temperature min. (dynamic) 90 °C Operating temperature min. (dynamic) 90 °C Ciperating temperature min. (dynamic) 90 °C Operating assistance 0ut. 1581 § 1100 FT2 Ut. 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Good, application-related testing
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chemical resistance Good, application-related testing
Gasoline resistance Good, application-related testing
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Oil resistance DIN EN 60811-404 Good, application-related testing
Bending radius (fixed) 5 x Outer diameter
Bending radius (dynamic) 10 x Outer diameter
No. of bending cycles (C-track) 5 Mio. @ 25 °C
Traversing distance (C-track) 5 m @ 25 °C horizontal
Travel speed (C-track) 3,3 m/s @ 25 °C
No. of torsion cycles 2 Mio.
Torsion stress \pm 180 °/m
Torsion speed 35 cycles/min