

stay connected

M12 female 0° A-cod. with cable

PUR 8x0.25 gy UL/CSA+drag ch. 17.5m

Female straight

M12, 8-pole

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

with cable sleeves

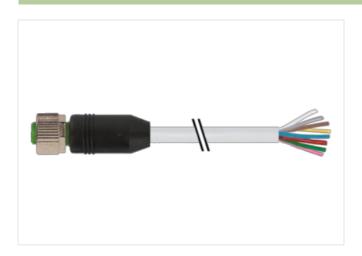
Plastic housings with good resistance against chemicals and oils.

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

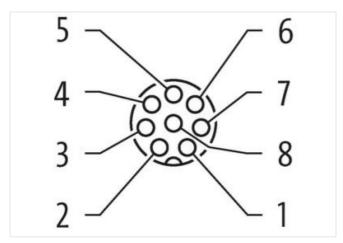
Further cable lengths on request.

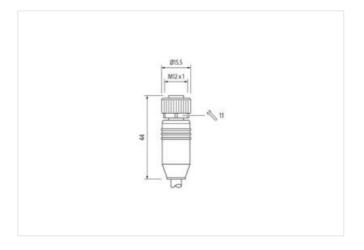
Link to Product

Illustration









Product may differ from Image











Cable length

17,5 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: 2024-04-25



stay connected

Family construction form M12 Material PUR Worth across falls SW13 Commercial data SW13 ECLASS 0.0 2279218 ECLASS 7.0 2279218 ECLASS 9.0 2779218 ECLASS 9.0 2779218 ECLASS 9.1 27060311 ECLASS 9.1 27060311 ECLASS 9.1.1 27060311 ECLASS 9.20 27090311 ECLASS 9.20 E0019555 Cuators suff number 6544290 GTIN 48489590784 Packaging unit 1 Electrical data Supply 1 Device protection Electrical 30 V Operating voltage AC reak 30 V Device protection Electrical M12 x 1 Device protection Electrical M2 x 1 Device protection Electrical M3 x 1 Device protection Electrical <t< th=""><th>Mounting method</th><th>inserted, screwed</th></t<>	Mounting method	inserted, screwed
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Amount wires 8	Tolerance outer diameter (sheath)	±5%
	Material wire insulation	PP
Outer diameter insulation 1,2 mm	Amount wires	8
	Outer diameter insulation	1,2 mm



Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C horizontal
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	3 A
Electrical resistance line constant wire	79 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2,5 kV @ 60 s
AC withstand voltage power (wire - wire)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m