

M12 female 0° A-cod. with cable

PUR 12x0.14 bk UL/CSA+drag ch. 35m

Female straight

M12, 12-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.

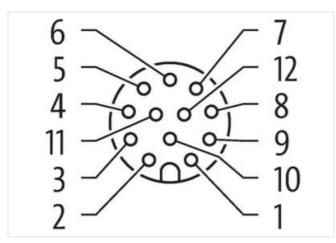
Further cable lengths on request.

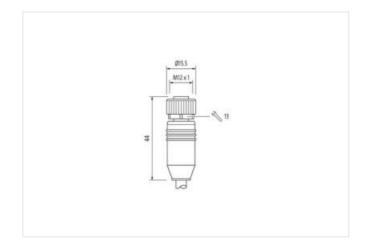
Link to Product

Illustration



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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: 2024-06-26



stay connected

Activation	Mounting method	inserted, screwed
Marient PUR With anoma files SW13	Family construction form	M12
Michael area fields	Coding	A
Pess	Material	PUR
Cut.Ass 6.0 27279218	Width across flats	SW13
ECLASS-6.0 2779218 2779218 27792	Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
CLASS 6.1 27279218 CLASS 7.0 27279218 CLASS 8.7.0 27279218 CLASS 8.0 27279218 CLASS 8.0 27279218 CLASS 8.0 27279218 CLASS 9.0 27060311 CLASS 11.1 27060311 CLASS 11.1 27060311 CLASS 11.1 27060311 CLASS 11.0 27060311 27060311 CLASS 11.0 2706031	Commercial data	
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ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC001855 ETIM-5.0 EC001855 STIN 4048879615730 Packaging unit 1 Electrical data Supply Departing voltage AC (max. 30 V Departing per contact max. 1,5 A Installation Connection Wounding set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Bugree 3 38 saled surge voltage AC (max. 30 V Waterial group (EC 60664-1) I Machanical data Material data Contour for corrugate hose without Machanical data Material data Contour for corrugate hose without Machanical data Material data Contour for corrugate hose without Machanical data Material data Contour for corrugate hose without Machanical data Material data Contour for corrugate hose without Machanical data Material data Contour for corrugate hose without Machanical data Material data Contour for corrugate hose without Machanical data Material data Contour for corrugate hose without Machanical data Material data Contour for corrugate hose without Machanical data Material data Contour for corrugate hose without Contour for corrugate hose without Machanical data Material data Contour for corrugate hose without Contour for corrugate hose hose hose for max ho	ECLASS-8.0	27279218
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ETIM-6.0 EC001855 usustoms tariff number 85444290 2archaging unit 1 Electrical data Suppty Deperating voltage AC max. 30 V Deperating voltage DC (UL-listed) 30 V Device protection Electrical Max Max x Max	ECLASS-11.1	27060311
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	Note on bending radius	
Product standard DIN EN 61076-2-101 (M12)	Conformity	
	Product standard	DIN EN 61076-2-101 (M12)



stay connected

Installation Cable	
wire arrangement	gray-pink, violet, red-blue, (brown, red, gray, black, yellow, pink, green, white, blue)
Cable identification	705
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	9 wires around Stranding combination counter-rotating twisted
Banding	Fleece
wire arrangement	gray-pink, violet, red-blue, (brown, red, gray, black, yellow, pink, green, white, blue)
Cable weigth	45,1 g/m
Material jacket	PUR
Shore hardness jacket	92 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	6 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
Amount wires	12
Outer diameter insulation	1 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	72 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	18
Diameter of single wires	0.1 mm
Conductor crosssection (wire)	0,14 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	2 A
Electrical resistance line constant wire	138 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	1,5 kV @ 60 s
Power frequency withstand voltage (wire -	
jacket)	1,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	85 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	85 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
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)	7,5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3,3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min