

M12 male 0° / M12 female 0° A-cod.

PUR 4x0.34 ye UL/CSA 3.5m

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

Male straight - female straight

M12 - M12, 4-pole

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

Plastic housings with good resistance against chemicals and oils.

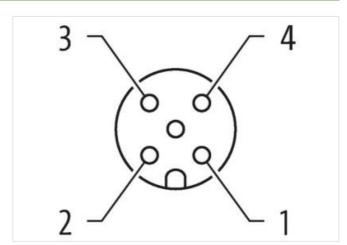
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

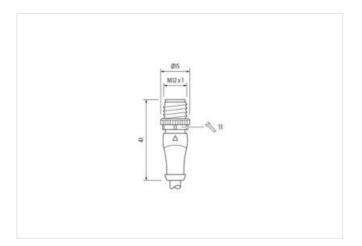
Link to Product

Illustration





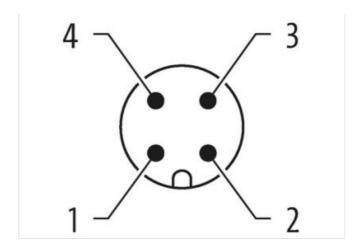






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Product may differ from Image













Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 Suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP6 F6K, IP67 Side 2 Tightening torque Gound of the inserted, screwed Family construction form Family construction form M12 Thread M12 x 1 Suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR Width across flats SW13 Conservated data SW13 Collass 6.0 27279218 ECLASS 6.1 27279218 ECLASS 6.3 27279218 ECLASS 8.0 27279218 ECLASS 9.0 27060311 ECLASS 11.1 27060311 ECLASS 12.0 27060311 ECLASS 12.0 27060311 ECLASS 12.0 E001855 <t< th=""><th>Cable length</th><th>3,5 m</th></t<>	Cable length	3,5 m
Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 Suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR Width across flats SW13 Degree of protection (EN IEC 60529) IP66K, IP67 Side 2 Side 2 Tightening torque 0,6 Nm Mounting method inserted, screwed Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal Ø) 10 mm Coding A Material PUR Width across flats SW13 Collags 6.0 ECLASS 6.0 27279218 ECLASS 6.1 27279218 ECLASS 6.2 27279218 ECLASS 9.0 27060311 ECLASS 9.0 27060311 ECLASS 12.0 27060311 ECLASS 12.0 27060311 ECLASS 12.0 27060311 ECLASS 12.0 2001855	Side 1	
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M12 x 1	Mounting method	inserted, screwed
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customs tariff number 85444290	ECLASS-12.0	27060311
	ETIM-5.0	EC001855
GTIN 4048879336697	customs tariff number	85444290
	GTIN	4048879336697

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: 2024-05-20



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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	
	M12 x 1
Mounting set	M12 X I
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	I and the second se
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
Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
Cable identification	282
Jacket Color	blue
Amount stranding	1
Stranding	3 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	9 wires around Stranding combination twisted
Banding	Fleece
wire arrangement	gray-pink, violet, red-blue, brown, red, gray, black, yellow, pink, green, white, blue
Cable weigth	44 g/m
Material jacket	TPE-S
Shore hardness jacket	47 ± 5 Shore D
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	64 ± 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
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	4 Mio. @ 25 °C
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	139 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	3 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	105 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	105 °C
Flame resistance	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2
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 stress	± 180 °/m
Torsion speed	35 cycles/min