

## M12 Xtreme male 0° / M12 female 0° A-cod.

PUR 4x0.5 bk UL/CSA+drag ch. 0.3m

Xtreme - Outdoor Stainless steel 1.4305 (V2A) Male straight – female straight M12 – M12, 4-pole

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

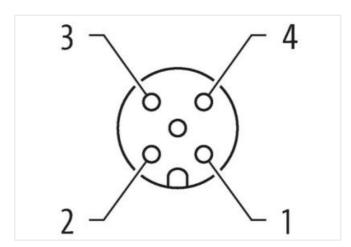
Plastic housings with good resistance against chemicals and oils.

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

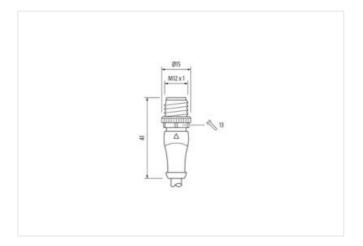
## **Link to Product**

## Illustration



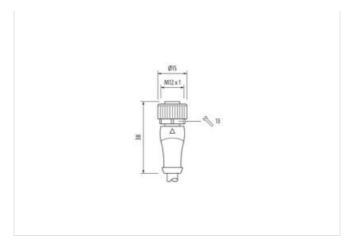


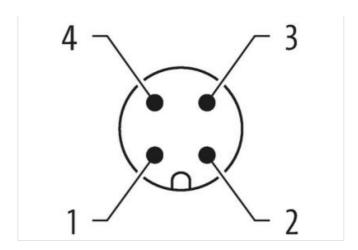






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Product may differ from Image



Cable length	0,3 m
Side 1	
Mounting method	inserted, screwed
Family construction form	M12
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
No. of poles	4
Width across flats	SW14
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67, IP68
Side 2	
Mounting method	inserted, screwed
Family construction form	M12
Coding	A
No. of poles	4
Commercial data	
ECLASS-6.0	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	4048879304993
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no

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



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Mounting set  Installation   Pin assignment  Configuration  Device protection   Electrical  Additional condition protection degree in Pollution Degree 3  Rated surge voltage 2, Material group (IEC 60664-1) 1  Mechanical data   Material data  Material housing Piccking material Si  Mechanical data   Mounting data  Mounting method in  Important installation notes  Note on strain relief Picchot on bending radius 4  Installation   Cable wire arrangement bright of Certificate and Cable Type 3  Jacket Color Jacket Color Stranding 4  Material jacket Picchot of Cable weigth 44  Material jacket Picchot of Cable weigth Additional packet Shore hardness jacket 96  Material jacket Picchot of Shore hardness jacket 96  Material jacket Shore hardness jacket 96	Ally used  Inserted, screwed  Inserted, screwed  Inserted, screwed  Inserted, screwed  Inserted, screwed  Inserted, screwed, Shaking protection  Inserted, screwed, Shaking protection  Inserted, screwed, Shaking protection  Inserted the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Inserted the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Inserted the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Inserted the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Inserted the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Inserted the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Inserted the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Inserted the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Inserted the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Inserted the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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Additional condition protection degree in Pollution Degree 3 Rated surge voltage 2, Material group (IEC 60664-1) 1  Mechanical data   Material data   Material housing   Plocking material   State   Mechanical data   Mounting data   Mounting data   Mounting method   Important installation notes   Note on strain relief   Plocking of the product standard   Product standard   Degree   Plocking arrangement   Degree   D	PUR Stainless steel 1.4305 (V2A) Inserted, screwed, Shaking protection Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.  Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be indangered by excessive bending forces.
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stranding 4 vire arrangement br Cable weigth 4 Material jacket Pr Shore hardness jacket 90	URus
vire arrangement br Cable weigth 44 Material jacket P Shore hardness jacket 96	
Cable weigth 44 Material jacket Pi Shore hardness jacket 96	wires twisted
Material jacket P Shore hardness jacket 90	rown, black, blue, white
Shore hardness jacket 90	4 g/m
•	PUR
un a alama fua ma imanua di a mta (in alamt)	0 ± 5 Shore A
reedom from ingredients (jacket) le	ead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket) 4,	,9 mm
. ,	5 %
Material wire insulation P	
mount wires 4	
<u> </u>	,4 mm
	5 %
	0 ± 5 Shore D
	ead-free, cadmium-free, CFC-free, halogen-free, silicone-free
mount strands (wire) 28	
<u> </u>	,15 mm
, ,	,5 mm <sup>2</sup>
	tranded copper wire, bare
<u>,, , , , , , , , , , , , , , , , , , ,</u>	trand class 6
	00 V
1 7 7	
• •	DIN VDE 0298-4
Electrical resistance line constant wire 39 C withstand voltage (wire - wire) 2,	DIN VDE 0298-4 ,2 A 9 Q/km @ 20 °C



Power frequency withstand voltage (wire - jacket)	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
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090   UL 1581 § 1100 FT2   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 bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C   horizontal
Travel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min