

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

PUR 4x0.5 bk UL/CSA+drag ch. 6m

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

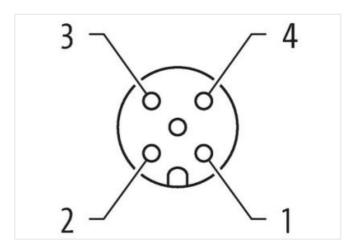
Plastic housings with good resistance against chemicals and oils.

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

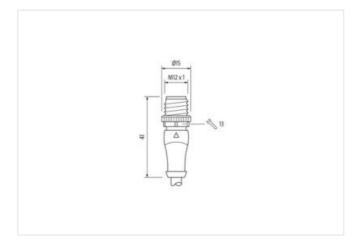
Link to Product

Illustration



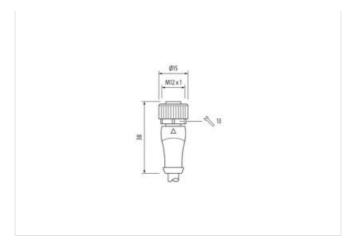


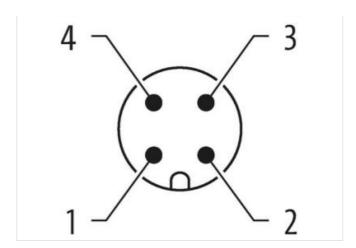






stay connected





Product may differ from Image



Cable length	6 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	4048879472814
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: 2024-05-05



stay connected

ightening torque	0,6 Nm
Mounting set	M12 x 1
Installation Pin assignment	
Configuration	fully used
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV
laterial group (IEC 60664-1)	
Mechanical data Material data	
·	DUD
Material housing	PUR
ocking material	Stainless steel 1.4305 (V2A)
Mechanical data Mounting data	
lounting method	inserted, screwed, Shaking protection
Important installation notes	
lote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
lote on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Conformity	
roduct standard	DIN EN 61076-2-101 (M12)
	Site Ett of or a Ett (inte)
nstallation Cable	
Cable identification	737
Cable Type	3
acket Color	black
ype of Certificate	cURus
mount stranding	1
Stranding	4 wires twisted
vire arrangement	brown, black, blue, white
raversing distance (C-track)	10 m @ 25 °C horizontal
able weigth	44 g/m
faterial jacket	PUR
hore hardness jacket	90 ± 5 Shore A
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,9 mm
olerance outer diameter (sheath) Material wire insulation	±5% PP
mount wires	4
luter diameter insulation	1,4 mm
Outer diameter tolerance core insulation	±5%
thore hardness wire insulation	70 ± 5 Shore D
agredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
mount strands (wire)	28
viameter of single wires	0,15 mm
Conductor crosssection (wire)	0,5 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
lominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	7,2 A
Electrical resistance line constant wire	39 Ω/km @ 20 °C
	2,5 kV @ 60 s



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
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min