

M12 female 0° A-cod. with cable

PUR 2x0.5 gy UL/CSA+drag ch. 0.3m

Cube67 Female straight M12, 2-pole A-coded

Actuator supply external

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

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

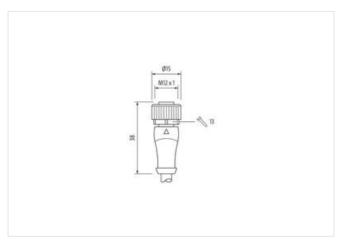
The resistance to aggressive media should be individually tested for your application. Further details on request.

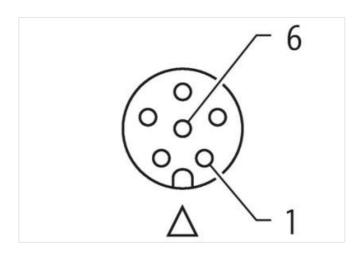
Link to Product

Illustration









Product may differ from Image











Cable length

0,3 m



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Tightening torque 0,6 Nm Mounting method inserted, screwed Coating contact gold plated Family construction form M12 Thread M12 x 1 suitable for corrugated tube (internal ∅) 10 mm Coding A Material contact Copper alloy Material PUR No. of poles 2 Width across flats SW13 Degree of protection (EN IEC 60529) IP65, IP66K, IP67 Side 2 Stripping length (jacket) 20 mm Coating contact gold plated Commercial data ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-11.1 27060311 ECLASS-11.1 27060311
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ECLASS-11.1 27060311
ECLASS-12.0 27060311
ETIM-5.0 EC001855
customs tariff number 85444290
GTIN 4048879197212
Packaging unit 1
Electrical data Supply
Operating voltage AC max. 30 V
Operating voltage DC max. 30 V
Operating voltage AC (UL-listed) 30 V
Operating voltage DC (UL-listed) 30 V
Current operating per contact max. 4 A
Diagnostics
Status indication LED no
Installation Connection
Stripping length (jacket) 20 mm
Mounting set M12 x 1
Device protection Electrical
Additional condition protection degree inserted, screwed
Pollution Degree 3
Rated surge voltage 0,8 kV
Material group (IEC 60664-1)
Mechanical data Material data
Coating locking Nickeled
Coating of fitting nickel plated
Material gasket FKM
Locking material Zinc die-casting

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: 2024-05-08



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Nounting 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
,	depending on cable quality
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	
Product standard	DIN EN 61076-2-101 (M12)
Installation Cable	
Cable identification	414
Cable Type	3
acket Color	gray
ype of Certificate	cURus
Amount stranding	1
Stranding	2 wires twisted
vire arrangement	brown, blue
raversing distance (C-track)	10 m @ 25 °C horizontal
Cable weigth	30,8 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)	4.4 mm
olerance outer diameter (sheath)	± 5 %
Material wire insulation	PP
amount wires	2
Outer diameter insulation	1,4 mm
Outer diameter insulation	± 5 %
Shore hardness wire insulation	70 ± 5 Shore D
	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
ngredient freeness wire insulation	28
mount strands (wire) Diameter of single wires	0,15 mm
conductor crosssection (wire)	0,15 mm 0.5 mm ²
. ,	*
laterial conductor wire	Stranded copper wire, bare
Conductor type (wire) Jominal voltage AC max.	strand class 6 300 V
	to DIN VDE 0298-4
Current load capacity (standard)	
Current load capacity min. wire	9 A
Christman valtage (wire wire)	39 Ω/km @ 20 °C
C withstand voltage (wire - wire)	2,5 kV @ 60 s
ower frequency withstand voltage (wire -	2,5 kV @ 60 s
lin. operating temperature (static)	-40 °C
fax. 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
lame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
hemical resistance	Good, application-related testing
Sasoline resistance	Good, application-related testing



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