

M12 female 0° A-cod. with cable

PUR 2x0.5 gy UL/CSA+drag ch. 11.5m

Cube67 Female straight M12, 2-pole A-coded

Actuator supply external

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

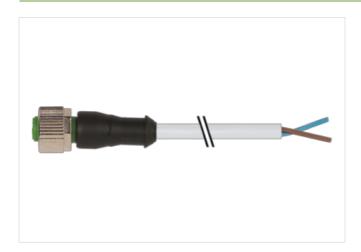
Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

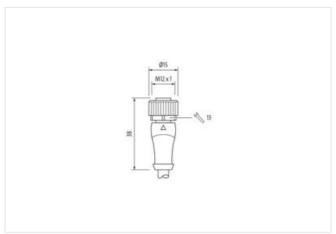
The resistance to aggressive media should be individually tested for your application. Further details on request.

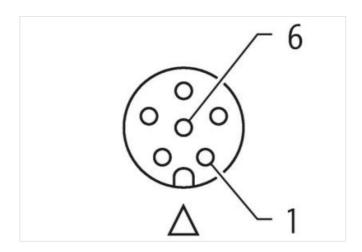
Link to Product

Illustration









Product may differ from Image











Cable length

11,5 m



stay connected

Side 1		
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 Ø)	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-6.0 ECLASS-6.1	27279218	
ECLASS-6.1 ECLASS-7.0	27279218	
ECLASS-7.0 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	4048879374637	
Packaging unit	1	
Electrical data Supply		
	30 V	
Operating voltage AC max. Operating voltage DC max.	30 V	
Operating voltage DC max. Operating voltage AC (UL-listed)	30 V 30 V	
Operating voltage AC (UL-listed) Operating voltage DC (UL-listed)		
Current operating per contact max.	30 V 4 A	
	7.0	
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	Mistalad	
Coating locking	Nickeled	
Coating of fitting	nickel plated	
Matadalaaalaa	EI/A	
Material gasket Locking material	FKM 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: 2024-05-05



stay connected

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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		
Important installation notes			
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.		
Note 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		
Jacket Color	gray		
Type of Certificate	cURus		
Amount stranding	1		
Stranding	2 wires twisted		
wire arrangement	brown, blue		
Traversing distance (C-track)	10 m @ 25 °C horizontal		
Cable weigth	30,8 g/m		
Material jacket	PUR		
Shore hardness jacket	90 ± 5 Shore A		
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		
Outer-diameter (jacket)	4.4 mm		
Tolerance outer diameter (sheath)	± 5 %		
Material wire insulation	PP		
Amount wires	2		
Outer diameter insulation	1,4 mm		
Outer diameter tolerance core insulation	±5%		
Shore hardness wire insulation	70 ± 5 Shore D		
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free		
Amount strands (wire)	28		
Diameter 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		
Nominal voltage AC max.	300 V		
Current load capacity (standard)	to DIN VDE 0298-4		
Current load capacity min. wire	9 A		
Electrical resistance line constant wire	39 Ω/km @ 20 °C		
AC withstand voltage (wire - wire)	2,5 kV @ 60 s		
Power frequency withstand voltage (wire - acket)	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		
Flame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 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	