

M12 female 90° A-cod. with cable

PUR 2x0.5 gy UL/CSA+drag ch. 2.5m

Cube67 Female 90° M12, 2-pole A-coded

Actuator supply external

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

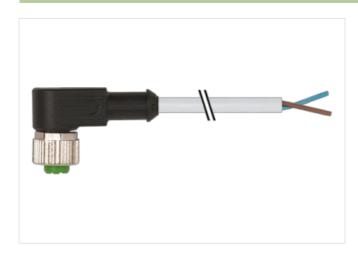
Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

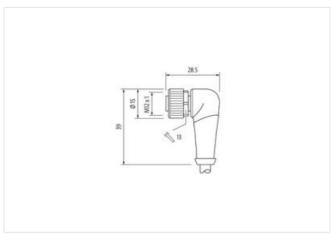
The resistance to aggressive media should be individually tested for your application. Further details on request.

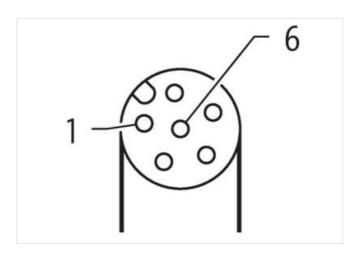
Link to Product

Illustration









Product may differ from Image











Cable length

2,5 m



stay connected

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
	11 03, 11 0011, 11 07
Side 2	
Stripping length (jacket)	20 mm
Coating contact	gold plated
Family construction form	free cable end
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-10.1	27060311
ECLASS-11.1 ECLASS-12.0	27060311
ECLASS-12.0 ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879419093
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
	110
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)	1
	'
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Material gasket	FKM
Locking material	Zinc die-casting



stay connected

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		
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		
vire arrangement	brown, blue		
Fraversing distance (C-track)	10 m @ 25 °C horizontal		
Cable weigth	30,8 g/m		
Material jacket	PUR		
Shore 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		
Folerance 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 UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2		
Flame resistance			



Gasoline resistance	Good, application-related testing	ed 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		