

M12 female 0° A-cod. with cable

PUR 5x0.34 gy UL/CSA+drag ch. 5m

Female straight M12, 5-pole

A-coded

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

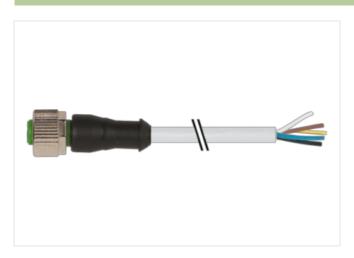
Plastic housings with good resistance against chemicals and oils.

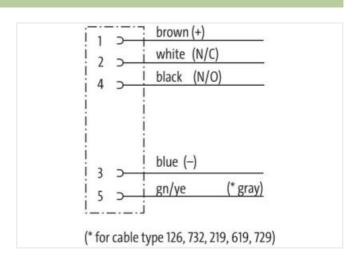
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

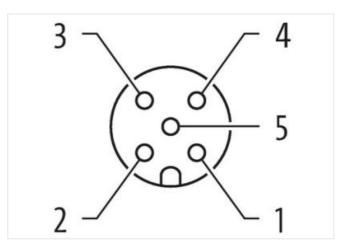
Link to Product

Illustration









Product may differ from Image













Cable length

5 m

Side 1

Tightening torque

0,6 Nm

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: 2024-04-25



Mounting method	innonted committed
Mounting method	inserted, screwed
Coating contact	gold plated M12
Family construction form	
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	Α
Material contact	Copper alloy
Material	PUR
No. of poles	5
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Stripping length (jacket)	20 mm
Coating contact	gold plated
	golu plateu
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-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879211246
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	125 V
Operating voltage DC max.	125 V
Operating voltage DC max. 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
Modifing 36t	1V1 1 4 A 1

Material group (IEC 60664-1)	I
Mechanical data Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
Material gasket	FKM
Locking material	Zinc die-casting
Material screw connection	Zinc die-casting

Mechanical data | Mounting data

Device protection | Electrical Additional condition protection degree

Pollution Degree

Rated surge voltage

Mounting method inserted, screwed, Shaking protection

inserted, screwed

3 1,5 kV



stay connected

Operating temperature min.	-25 °C	
Operating temperature max.	85 °C	
Additional condition temperature range	depending on cable quality	
Conformity		
	DINI FNI 61076 2 404 (M42)	
Product standard	DIN EN 61076-2-101 (M12)	
Installation Cable		
Cable identification	235	
Cable Type	3	
Jacket Color	gray	
Type of Certificate	cURus	
Amount stranding	1	
Stranding	5 wires around Core filler twisted	
Filler	yes	
wire arrangement	brown, black, blue, white, green-yellow	
No. of bending cycles (C-track)	10 Mio. @ 25 °C	
Cable weigth	41,8 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)	4,8 mm	
Tolerance outer diameter (sheath)	±5%	
Material wire insulation	PP	
Amount wires	5	
Outer diameter insulation	1,25 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)	42	
Diameter of single wires	0,1 mm	
Conductor crosssection (wire)	0,34 mm²	
Material conductor wire	Stranded copper wire, bare	
Conductor type (wire)	strand class 6	
Traversing distance (C-track)	10 m @ 25 °C horizontal	
Current load capacity (standard)	to DIN VDE 0298-4	
Current load capacity min. wire	4,5 A	
Electrical resistance line constant wire	57 Ω/km @ 20 °C	
Nominal voltage power AC max.	300 V	
Power frequency withstand voltage power (wire - jacket)	2,5 kV @ 60 s	
AC withstand voltage power (wire - wire)	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	IEC 60332-2-2 UL 1581 § 1090 UL 1581 § 1100 FT2	
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 torsion cycles	2 Mio.	
Torsion speed	35 cycles/min	

Product-PDF for Article 7000-12241-2350500



Torsion stress \pm 180 °/m