

M12 female 0° B-cod. with cable

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

Female straight M12, 5-pole B-coded

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

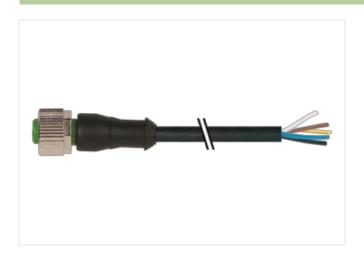
Plastic housings with good resistance against chemicals and oils.

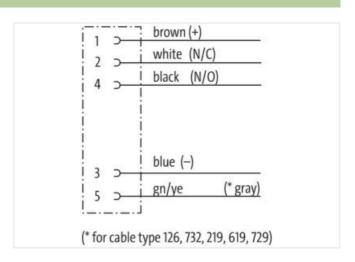
The resistance to aggressive media should be individually tested for your application. Further details on request.

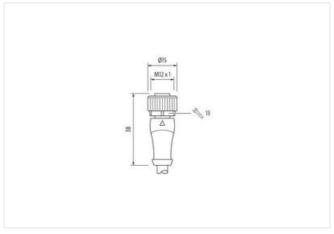
Further cable lengths on request.

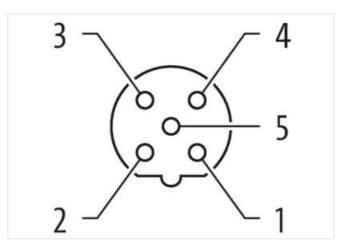
Link to Product

Illustration









Product may differ from Image













Cable length

5 m

Side 1

Tightening torque

0,6 Nm



stay connected

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	В
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	
Coating contact	gold plated
Commercial data	
ECLASS-6.0	27061801
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	4048879842365
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	125 V
Operating voltage DC max.	125 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Installation Connection	
Mounting set	M12 x 1
Device protection Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
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	
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

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: 2024-05-18



stay connected

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)	
Installation Cable		
•	700	
able identification	732	
cable Type	3	
acket Color	black	
ype of Certificate	cURus	
mount stranding	1	
tranding	5 wires around Core filler twisted	
iller	yes	
vire arrangement	brown, black, blue, white, gray	
able weigth	41,8 g/m	
laterial 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)	4,8 mm	
olerance outer diameter (sheath)	± 5 %	
laterial wire insulation	PP	
mount wires	5	
Outer diameter insulation	1,25 mm	
Outer diameter tolerance core insulation	± 5 %	
hore hardness wire insulation	70 ± 5 Shore D	
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	
mount strands (wire)	42	
iameter of single wires	0,1 mm	
conductor crosssection (wire)	0,34 mm ²	
laterial conductor wire	Stranded copper wire, bare	
conductor type (wire)	strand class 6	
raversing distance (C-track)	10 m @ 25 °C horizontal	
lominal voltage AC max.	300 V	
current load capacity (standard)	to DIN VDE 0298-4	
current load capacity min. wire	4,5 A	
lectrical resistance line constant wire	57 Ω/km @ 20 °C	
C withstand voltage (wire - wire)	2,5 kV @ 60 s	
ower frequency withstand voltage (wire - icket)	2,5 kV @ 60 s	
lin. operating temperature (static)	-40 °C	
lax. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation	
perating temperature min. (dynamic)	-25 °C	
perating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation	
V resistance	DIN EN ISO 4892-2 A	
ame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2	
nemical resistance	Good, application-related testing	
asoline resistance	Good, application-related testing	
Dil resistance	DIN EN 60811-404 Good, application-related testing	
ending radius (fixed)	5 x Outer diameter	
ending radius (dynamic)	10 x Outer diameter	
ravel speed (C-track)	10 Mio. @ 25 °C	
lo. of torsion cycles	2 Mio.	
orsion stress	± 180 °/m	

Product-PDF for Article 7000-14381-7320500



Torsion speed

35 cycles/min