

M12 female 0° A-cod. with cable

PUR 5x0.34 bk UL/CSA+drag ch. 80m

Female straight M12, 5-pole

A-coded

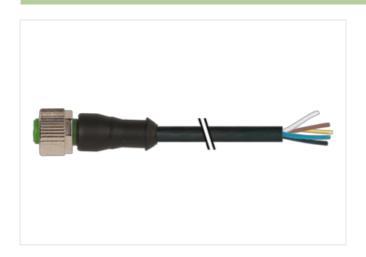
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

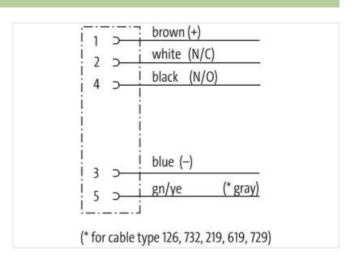
Plastic housings with good resistance against chemicals and oils.

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

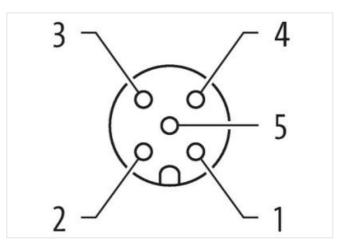
Link to Product

Illustration









Product may differ from Image













Cable length

80 m

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	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
Commercial data	9 - 1
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	4065909107324
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	125 V
Operating voltage DC max.	125 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	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

Mounting method

Material screw connection

Mechanical data | Mounting data

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: 2024-05-19

Zinc die-casting

Zinc die-casting

inserted, screwed, Shaking protection



stay connected

perating temperature min.	-25 °C	
Departing temperature max.	85 °C	
additional condition temperature range	depending on cable quality	
Important installation notes		
•	Protect the connectors by quitable managers from manhanical leads, a.g. by the upage of cable ties	
lote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	
ote 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		
Cable identification	732	
Cable Type	3	
acket Color	black	
ype of Certificate	cURus	
mount stranding	1	
Stranding	5 wires around Core filler twisted	
iller	yes	
vire arrangement	brown, black, blue, white, gray	
Cable weigth Material jacket	41,8 g/m PUR	
<u> </u>	90 ± 5 Shore A	
shore hardness jacket		
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% PP	
Material wire insulation		
amount wires	5	
uter 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	
mount strands (wire)	42	
Diameter of single wires	0,1 mm	
Conductor crosssection (wire)	0,34 mm ²	
faterial conductor wire	Stranded copper wire, bare	
Conductor type (wire)	strand class 6	
raversing distance (C-track)	10 m @ 25 °C horizontal	
Iominal voltage AC max.	300 V	
Current load capacity (standard)	to DIN VDE 0298-4	
urrent 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 -	2,5 kV @ 60 s	
fin. operating temperature (static)	-40 °C	
lax. 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	
IV resistance	DIN EN ISO 4892-2 A	
lame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2	
hemical resistance	Good, application-related testing	
Gasoline resistance	Good, application-related testing	
	DIN EN 60811-404 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