

#### M12 female 0° B-cod. with cable

PUR 5x0.34 bk UL/CSA+drag ch. 15m

Female straight M12, 5-pole B-coded

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

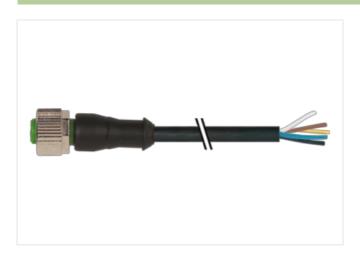
Plastic housings with good resistance against chemicals and oils.

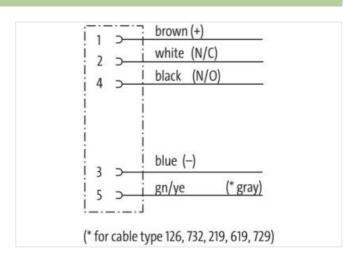
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

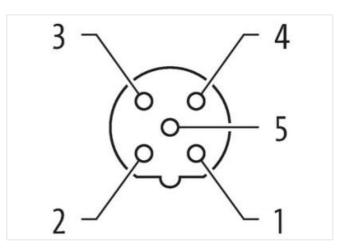
### **Link to Product**

#### Illustration









Product may differ from Image













Cable length

15 m

Side 1

Tightening torque

0,6 Nm



stay connected

Mounting method	inserted, screwed
	· · · · · · · · · · · · · · · · · · ·
Coating contact Family construction form	gold plated M12
	M12 x 1
Thread	
suitable for corrugated tube (internal Ø)	10 mm B
Coding	<del>-</del>
Material contact	Copper alloy
Material	PUR
No. of poles	5
Width across flats  Degree of protection (EN IEC 60529)	SW13 IP65, IP66K, IP67
Side 2	11 00, 11 0011, 11 07
Coating contact	gold plated
Commercial data	gold placed
	07704004
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	4048879717007
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)	1,0 0.7
Mechanical data   Material data	
·	Nickeled
Coating locking  Coating of fitting	nickel plated
Material gasket	FKM
Locking material	
Material screw connection	Zinc die-casting Zinc die-casting
	Zino dio odating
Mechanical data   Mounting data  Mounting method	inserted, screwed, Shaking protection
Congrating temperature min	-25 °C
Operating temperature min.	85 °C
Operating temperature max.	
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

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	<b>Attention:</b> 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	
	700
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
rire 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
uter 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
ameter of single wires	0,1 mm
onductor crosssection (wire)	0,34 mm <sup>2</sup>
aterial conductor wire	Stranded copper wire, bare
onductor type (wire)	strand class 6
raversing distance (C-track)	10 m @ 25 °C   horizontal
ominal voltage AC max.	300 V
urrent load capacity (standard)	to DIN VDE 0298-4
urrent load capacity min. wire	4,5 A
Electrical 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
in. operating temperature (static)	-40 °C
ax. 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 7000-14381-7321500



Torsion speed

35 cycles/min