

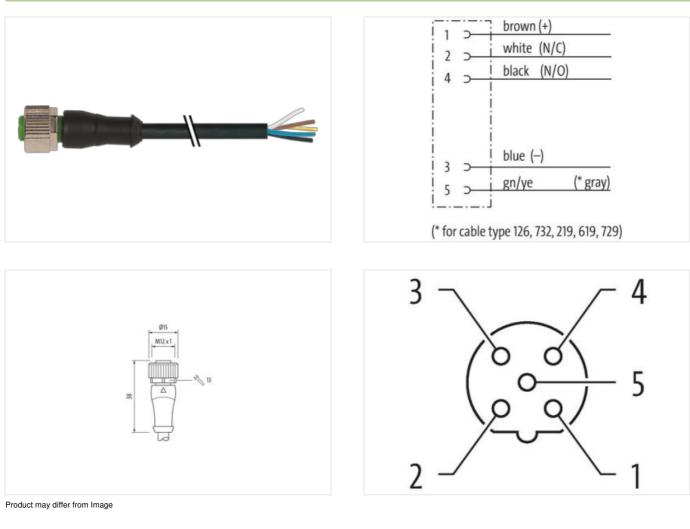
## M12 female 0° B-cod. with cable

PUR 5x0.34 bk UL/CSA+drag ch. 10m

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







 Cable length
 10 m

 Side 1
 Tightening torque

 O,6 Nm

The information in this Product-PDF has been compiled with the utmost care.
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Mounting method Coating contact	inserted, screwed gold plated
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal $\emptyset$ )	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-7.0	27061801
ECLASS-8.0	27061801
ECLASS-9.0	27061801
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879728652
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 Rated surge voltage	3 1,5 kV
Material group (IEC 60664-1)	
	•
Mechanical data   Material data	Nederland
Coating locking	Nickeled
Coating of fitting	nickel plated FKM
Material gasket Locking material	FKM Zinc die-casting
Material screw connection	Zinc die-casting Zinc die-casting
Mechanical data   Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics   Climatic	
Operating temperature min.	-25 °C
Operating temperature may	85 °C
Operating temperature max.	
Additional condition temperature range	depending on cable quality

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Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
DIN EN 61076-2-101 (M12)
635
3
black
cURus
1
5 wires around Core filler twisted
Yes
brown, black, blue, white, green-yellow
41,8 g/m
PUR
90 ± 5 Shore A
lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
4.8 mm
4,6 mm ± 5 %
± 5 % PP
5
1,25 mm
±5%
70 ± 5 Shore D
lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
42
0,1 mm
0,34 mm <sup>2</sup>
Stranded copper wire, bare
strand class 6
10 m @ 25 °C   horizontal
300 V
to DIN VDE 0298-4
4,5 A
57 Ω/km @ 20 °C
2,5 kV @ 60 s
2,5 kV @ 60 s
-40 °C
80 °C / 90 °C @ 10000 h Operation
-25 °C
80 °C / 90 °C @ 10000 h Operation
DIN EN ISO 4892-2 A
UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2
Good, application-related testing
Good, application-related testing
Good, application-related testing   DIN EN 60811-404
5 x Outer diameter
10 x Outer diameter
10 Mio. @ 25 °C
2 Mio.

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