

## stay connected

## M12 female 0° B-cod. with cable

PVC 5x0.34 bk UL/CSA 20m

Female straight M12, 5-pole B-coded

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

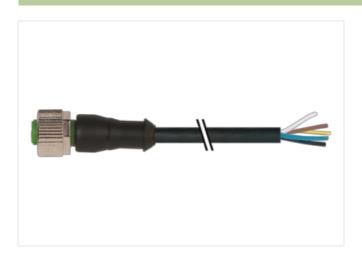
Plastic housings with good resistance against chemicals and oils.

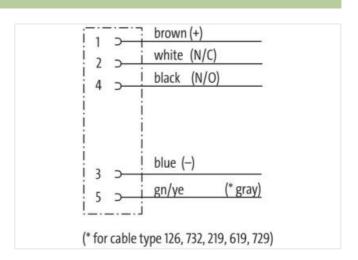
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

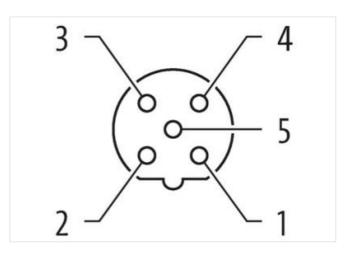
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

20 m

Side 1

Tightening torque

0,6 Nm



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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
	100, 100N, 100
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	4048879905268
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	
	inported paramed
Additional condition protection degree  Pollution Degree	inserted, screwed 3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	1,0 NV
Mechanical data   Material data	
Coating locking	Nickeled
Coating locking  Coating of fitting	nickel plated
Material gasket	FKM
Locking material	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 min.  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: 2024-04-24



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Conformity	
Product standard	DIN EN 61076-2-101 (M12)
Installation   Cable	
Cable identification	615
Cable Type	1
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
Filler	yes
wire arrangement	brown, black, blue, white, green-yellow
Cable weigth	48,4 g/m
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	5,2 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	5
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
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 kV @ 60 s
AC withstand voltage power (wire - wire)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	0° 08 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	0° 08
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter