

## M12 female 0° A-cod. with cable

PUR 5x0.34 bk UL/CSA+drag ch. 40m

Female straight M12, 5-pole

A-coded

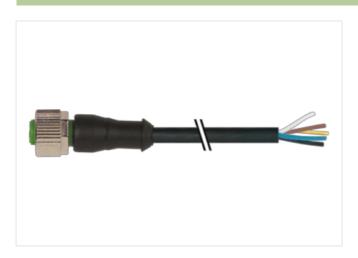
Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request

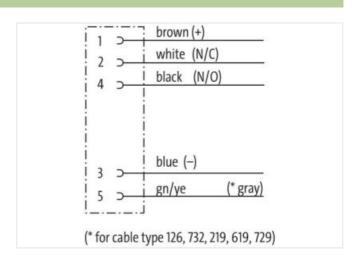
Plastic housings with good resistance against chemicals and oils.

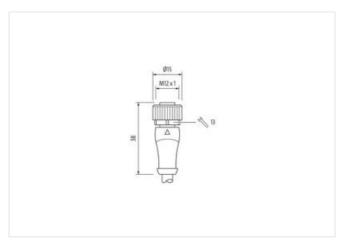
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

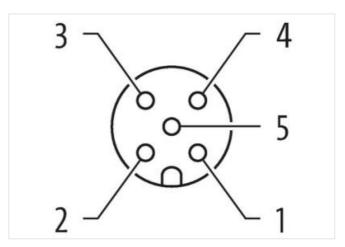
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

40 m

Side 1

Tightening torque

0,6 Nm

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: 2024-05-20



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	A
Material contact	Copper alloy
Material Contact	PUR
No. of poles	5
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
	00
Stripping length (jacket)	20 mm
Coating contact	gold plated
Commercial data	
ECLASS-6.0	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879785389
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	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

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## 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	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	
	have blad black 19 consequence
rire arrangement	brown, black, blue, white, green-yellow
cable identification	647
Cable Type	3
acket Color	black
ype of Certificate	cURus
mount stranding	1
tranding	5 wires around Core filler twisted
iller	yes
rire arrangement	brown, black, blue, white, green-yellow
able weigth	44,55 g/m
faterial 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)	5,6 mm
olerance outer diameter (sheath)	± 5 %
laterial wire insulation	PP
mount wires	5
Outer diameter insulation	1,45 mm
Outer diameter tolerance core insulation	± 5 %
hore hardness wire insulation	65 ± 5 Shore D
gredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
mount strands (wire)	42
liameter of single wires	0,1 mm
onductor crosssection (wire)	0,34 mm <sup>2</sup>
faterial conductor wire	Stranded copper wire, bare
onductor type (wire)	strand class 6
lominal voltage AC max.	600 V
current load capacity (standard)	to DIN VDE 0298-4
current load capacity min. wire	4,5 A
lectrical resistance line constant wire	60 Ω/km @ 20 °C
C withstand voltage (wire - wire)	6 kV @ 60 s
ower frequency withstand voltage (wire - icket)	6 kV @ 60 s
in. operating temperature (static)	-40 °C
lax. operating temperature (fixed)	90 °C
perating temperature min. (dynamic)	-25 °C
perating temperature max. (dynamic)	90 °C
V resistance	DIN EN ISO 4892-2 A
lame resistance	IEC 60332-2-2   UL 1581 § 1100 FT2   UL 1581 § 1090
hemical resistance	Good, application-related testing
asoline resistance	Good, application-related testing
Dil resistance	Good, application-related testing   DIN EN 60811-404
ending radius (fixed)	5 x Outer diameter
ending radius (dynamic)	10 x Outer diameter
lo. of bending cycles (C-track)	5 Mio. @ 25 °C
raversing distance (C-track)	5 m @ 25 °C   horizontal
ravel speed (C-track)	3,3 m/s @ 25 °C



No. of torsion cycles	2 Mio.	
Torsion stress	± 180 °/m	
Torsion speed	35 cycles/min	