

## M12 female 0° A-cod. with cable

PVC 5x0.34 ye UL/CSA 2m

Female straight M12, 5-pole A-coded

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

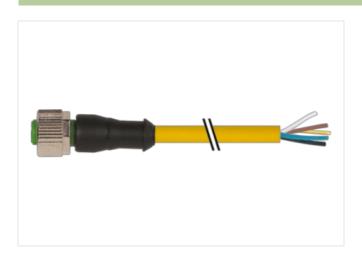
Plastic housings with good resistance against chemicals and oils.

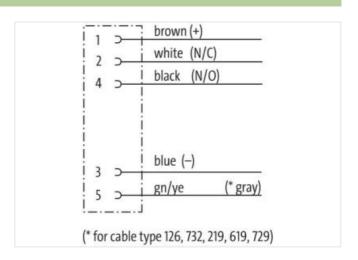
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

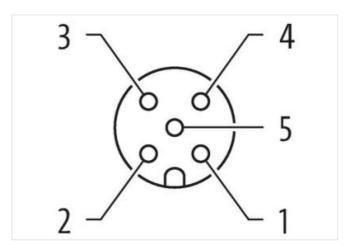
## **Link to Product**

## Illustration









Product may differ from Image













Cable length

2 m

Side 1

Tightening torque

0,6 Nm

The information in this Product-PDF has been compiled with the utmost care.

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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	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	
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	4048879211802
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	
•	20 mm
Stripping length (jacket)  Mounting set	20 mm M12 x 1
	IVII Z X I
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	
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

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stay connected

perating temperature min.	-25 °C
Operating temperature max.	85 °C
dditional condition temperature range	depending on cable quality
Important installation notes	
lote on strain relief	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
lote on bending radius	endangered by excessive bending forces.
Conformity	
roduct standard	DIN EN 61076-2-101 (M12)
Installation   Cable	
rire arrangement	brown, black, blue, white, green-yellow
Cable identification	015
Cable Type	1
acket Color	yellow
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	48,4 g/m
laterial jacket	PVC
hore hardness jacket	85 ± 5 Shore A
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Outer-diameter (jacket)	5,2 mm
olerance outer diameter (sheath)	±5%
laterial wire insulation	PVC
mount wires	5
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
hore hardness wire insulation	45 ± 5 Shore D
Material properties wire insulation	good machinability
ngredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
mount strands (wire)	19
liameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Iominal voltage AC max.	300 V
current load capacity (standard)	to DIN VDE 0298-4
current load capacity min. wire	4,5 A
lectrical resistance line constant wire	57 Ω/km @ 20 °C
C withstand voltage (wire - wire)	2 kV @ 60 s
ower frequency withstand voltage (wire -	<del>-</del>
acket)	2 kV @ 60 s
lin. operating temperature (static)	-30 °C
lax. operating temperature (fixed)	80 °C
perating temperature min. (dynamic)	-5 ℃
operating temperature max. (dynamic)	80 °C
lame resistance	UL 1581 § 1100 FT2   UL 1581 § 1090   IEC 60332-2-2
hemical resistance	Good, application-related testing
Sasoline resistance	Good, application-related testing



Bending radius (fixed) 5 x Outer diameter

Bending radius (dynamic) 10 x Outer diameter