

M12 male 90° / M12 female 90° A-cod.

PVC 5x0.34 bk 0.3m

Male 90° – female 90° M12 – M12, 5-pole with cable sleeves

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

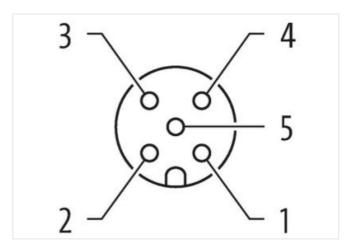
Plastic housings with good resistance against chemicals and oils.

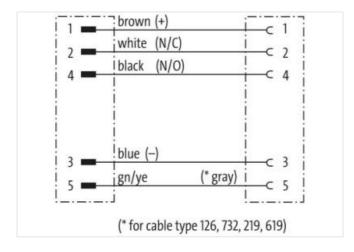
The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

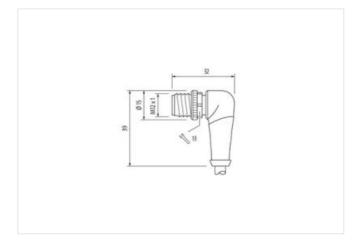
Link to Product

Illustration



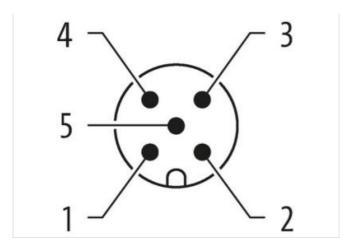


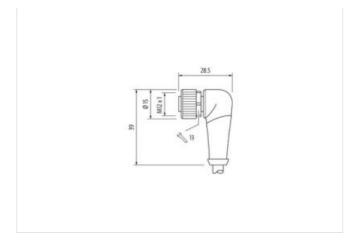






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Product may differ from Image











Cable length	0,3 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal \emptyset)	10 mm
Coding	A
Material	PUR
No. of poles	5
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP65, IP66K, IP67
Side 2	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal \emptyset)	10 mm
Coding	A
Material	PUR
No. of poles	5
Width across flats	SW13
Commercial data	
ECLASS-6.0	27061801
customs tariff number	85444290
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

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Installation Connection		
Mounting set	M12 x 1	
Device protection Electrical		
dditional condition protection degree	inserted, screwed	
Pollution Degree	3	
ated surge voltage	1.5 kV	
Material group (IEC 60664-1)		
Mechanical data Material data		
·		
coating locking	Nickeled	
coating of fitting	nickel plated	
ocking material	Zinc die-casting	
Material screw connection	Zinc die-casting	
Mechanical data Mounting data		
lounting 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	
Important installation notes		
•	District the connectors by suitable management from management lands as the three connectors by	
lote on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	
ote 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		
Cable identification	729	
acket Color	black	
mount stranding	1	
tranding	5 wires around Core filler twisted	
iller	yes	
vire arrangement	brown, black, blue, white, gray	
able weigth	59,51 g/m	
laterial jacket	PVC	
hore hardness jacket	85 ± 5 Shore A	
reedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free	
Outer-diameter (jacket)	5,9 mm	
olerance outer diameter (sheath)	±5%	
laterial wire insulation	PVC	
mount wires	5	
uter diameter insulation	1,5 mm	
Outer diameter tolerance core insulation	±5%	
hore hardness wire insulation	45 ± 5 Shore D	
laterial properties wire insulation	good machinability	
gredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free	
mount strands (wire)	19	
iameter of single wires	0,15 mm	
conductor crosssection (wire)	0,34 mm²	
laterial conductor wire	Stranded copper wire, bare	
conductor type (wire)	Strand class 5	
ominal voltage AC max.	300 V	
Current load capacity (standard)	to DIN VDE 0298-4	

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Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	70 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
UV resistance	DIN EN ISO 4892-2 A
Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	10 x Outer diameter
Bending radius (dynamic)	15 x Outer diameter