

## M12 female 90° A-cod. with cable

PVC 5x0.34 gy 10m

Female 90° M12, 5-pole

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

with cable sleeves

Plastic housings with good resistance against chemicals and oils.

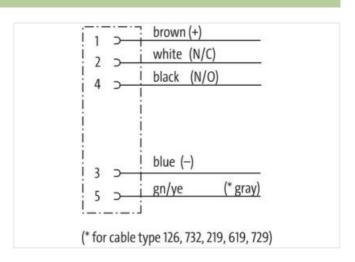
The resistance to aggressive media should be individually tested for your application. Further details on request.

Further cable lengths on request.

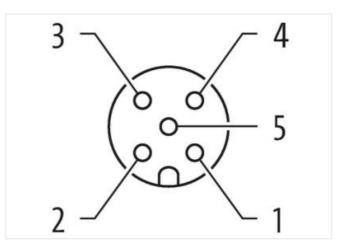
## **Link to Product**

## Illustration









Product may differ from Image











Cable length

10 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: 2024-05-18



stay connected

Family construction form   M12	
suitable for corrugated tube (internal Ø)         10 mm           Coding         A           Material         PUR           Width across flats         SW13           Degree of protection (EN IEC 60529)         IP65, IP66K, IP67           Commercial data         ECLASS-8.0           ECLASS-8.0         27279218           ECLASS-8.0         27279218           ECLASS-8.0         27060311           ECLASS-9.0         27060311           ECLASS-10.1         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ECLASS-12.0         27060311           ETIM-5.0         EC001855           customs tariff number         85444290           GTIN         4048879320078           Packaging unit         1           Electrical data   Supply           Operating voltage AC max.         125 V           Operating voltage DC max.         125 V           Operating voltage AC max.         125 V           Operating voltage per contact max.         4 A           Installation   Connection         M12 x 1           Device protection   Electrical         Additional condition protection degree         inserted, screwed	
Coding	
Material	
Width across flats   SW13	
Degree of protection (EN IEC 60529)   IP65, IP66K, IP67	
Commercial data	
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Important installation notes	
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	es.
Note 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	
Product standard DIN EN 61076-2-101 (M12)	
Installation   Cable	
Cable identification 344	



stay connected

Jacket Color	gray
Amount stranding	1
Stranding	5 wires around Filler twisted
Stranding factor min.	0 mm
Stranding factor max.	95 mm
Filler	yes
wire arrangement	brown, black, blue, white, gray
Cable weigth	60,5 g/m
Material jacket	PUR
Shore hardness jacket	80 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free
Outer-diameter (jacket)	5,9 mm
Tolerance outer diameter (sheath)	± 5 %
Material wire insulation	PVC
Amount wires	5
Outer diameter insulation	1,4 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	92 Shore A
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free
Amount strands (wire)	19
Diameter 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
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	53 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	1,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	1,5 kV @ 60 s
Min. operating temperature (static)	-30 ℃
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 ℃
Operating temperature max. (dynamic)	70 °C
Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (dynamic)	15 x Outer diameter