

## M12 male 90° / M12 female 0° A-cod.

PUR 5x0.34 gy UL/CSA+drag ch. 2m

Male 90° – female straight

M12 - M12, 5-pole

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

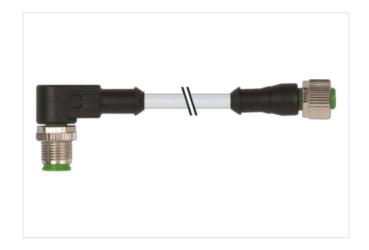
Plastic housings with good resistance against chemicals and oils.

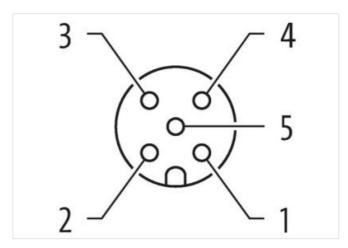
The resistance to aggressive media should be individually tested for your application. Further details on request.

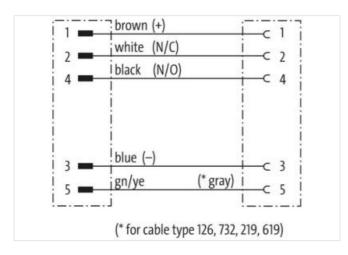
Further cable lengths on request.

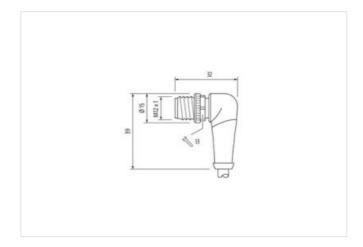
## **Link to Product**

## Illustration





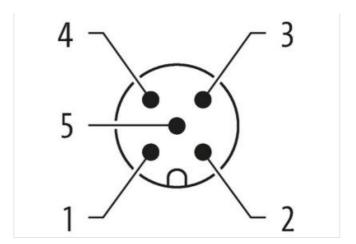






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Product may differ from Image



Cable length





2 m







Cable length	2
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	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 Ø)	10 mm
Coding	A
Material	PUR
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP66K, IP67
Commercial data	
ECLASS-6.0	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	4048879173834
Packaging unit	1

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



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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
Installation   Connection	
· · · · · · · · · · · · · · · · · · ·	
Mounting set	M12 x 1
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Material group (IEC 60664-1)	I
Mechanical data   Material data	
Coating locking	Nickeled
Coating of fitting	nickel plated
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
Important installation notes	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
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.
Installation   Cable	
Cable identification	235
Cable Type	3
Jacket Color	
Type of Certificate	gray
Type of Certificate	
Amount stranding	
Amount stranding	1 5 wires around Core filler twisted
Stranding	5 wires around Core filler twisted
Stranding Filler	5 wires around Core filler twisted yes
Stranding Filler wire arrangement	5 wires around Core filler twisted  yes  brown, black, blue, white, green-yellow
Stranding Filler wire arrangement Cable weigth	5 wires around Core filler twisted  yes  brown, black, blue, white, green-yellow  41,8 g/m
Stranding Filler wire arrangement Cable weigth Material jacket	5 wires around Core filler twisted  yes  brown, black, blue, white, green-yellow  41,8 g/m  PUR
Stranding  Filler  wire arrangement  Cable weigth  Material jacket  Shore hardness jacket	5 wires around Core filler twisted  yes  brown, black, blue, white, green-yellow  41,8 g/m  PUR  90 ± 5 Shore A
Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	5 wires around Core filler twisted  yes  brown, black, blue, white, green-yellow  41,8 g/m  PUR  90 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Stranding  Filler  wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Outer-diameter (jacket)	5 wires around Core filler twisted  yes  brown, black, blue, white, green-yellow  41,8 g/m  PUR  90 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  4,8 mm
Stranding  Filler  wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Duter-diameter (jacket)  Folerance outer diameter (sheath)	5 wires around Core filler twisted  yes  brown, black, blue, white, green-yellow  41,8 g/m  PUR  90 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  4,8 mm  ± 5 %
Stranding  Filler  wire arrangement  Cable weigth  Material jacket  Shore hardness jacket  Freedom from ingredients (jacket)  Duter-diameter (jacket)  Folerance outer diameter (sheath)  Material wire insulation	5 wires around Core filler twisted  yes  brown, black, blue, white, green-yellow  41,8 g/m  PUR  90 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free  4,8 mm  ± 5 %  PP
Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires	5 wires around Core filler twisted  yes  brown, black, blue, white, green-yellow  41,8 g/m  PUR  90 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  4,8 mm  ± 5 %  PP  5
Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation	5 wires around Core filler twisted  yes  brown, black, blue, white, green-yellow  41,8 g/m  PUR  90 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  4,8 mm  ± 5 %  PP  5  1,25 mm
Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation	5 wires around Core filler twisted  yes  brown, black, blue, white, green-yellow  41,8 g/m  PUR  90 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free  4,8 mm  ± 5 %  PP  5  1,25 mm  ± 5 %
Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation	5 wires around Core filler twisted  yes  brown, black, blue, white, green-yellow  41,8 g/m  PUR  90 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free  4,8 mm  ± 5 %  PP  5  1,25 mm  ± 5 %  70 ± 5 Shore D
Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation	5 wires around Core filler twisted  yes  brown, black, blue, white, green-yellow  41,8 g/m  PUR  90 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  4,8 mm  ± 5 %  PP  5  1,25 mm  ± 5 %  70 ± 5 Shore D  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire)	5 wires around Core filler twisted  yes  brown, black, blue, white, green-yellow  41,8 g/m  PUR  90 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  4,8 mm  ± 5 %  PP  5  1,25 mm  ± 5 %  70 ± 5 Shore D  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Stranding Filler wire arrangement Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation	5 wires around Core filler twisted  yes  brown, black, blue, white, green-yellow  41,8 g/m  PUR  90 ± 5 Shore A  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free  4,8 mm  ± 5 %  PP  5  1,25 mm  ± 5 %  70 ± 5 Shore D  lead-free, cadmium-free, CFC-free, halogen-free, silicone-free

Conduct



ctor type (wire)	strand class 6
sing distance (C-track)	10 m @ 25 °C   horizontal
al voltage AC max.	300 V
t load capacity (standard)	to DIN VDE 0298-4
t load capacity min. wire	4,5 A
cal resistance line constant wire	57 Ω/km @ 20 °C
nstand voltage (wire - wire)	2,5 kV @ 60 s
frequency withstand voltage (wire -	2,5 kV @ 60 s
perating temperature (static)	-40 °C
perating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation