

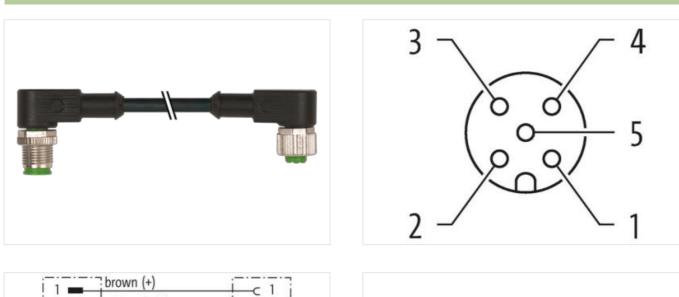
## M12 male 90° / M12 female 90° A-cod.

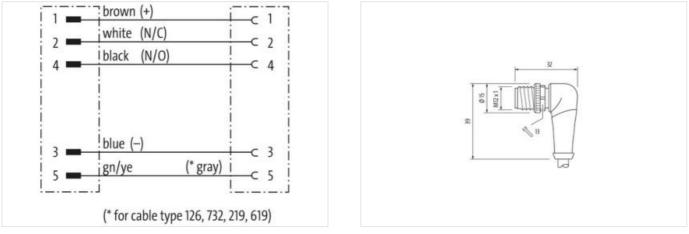
PUR 5x0.34 bk UL/CSA+drag ch. 4m

Male 90° – female 90° 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

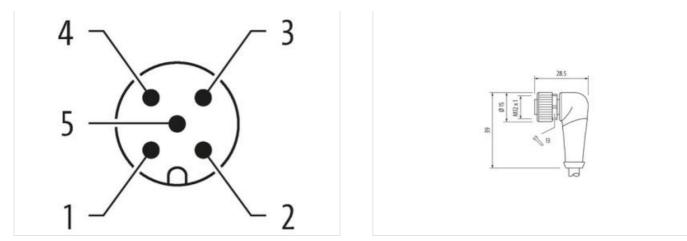
Illustration





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Product may differ from Image



Cable length	4 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 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	4048879787154
Packaging unit	1

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## Electrical data | Supply

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
Installation   Connection	
Mounting set	M12 x 1
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Material group (IEC 60664-1)	
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
Installation   Cable	
Cable identification	732
Cable Type	3
Jacket Color	black
Type of Certificate	cURus
Amount stranding	1
Stranding	5 wires around Core filler twisted
Filler	yes
wire arrangement	brown, black, blue, white, gray
No. of bending cycles (C-track)	10 Mio. @ 25 °C
Cable weigth	41,8 g/m
Material jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	
Outer-diameter (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free 4,8 mm
Tolerance outer diameter (sheath)	
Tolerance outer diameter (sheath) Material wire insulation	4,8 mm
	4,8 mm ± 5 %
Material wire insulation	4,8 mm ± 5 % PP
Material wire insulation Amount wires	4,8 mm ± 5 % PP 5
Material wire insulation Amount wires Outer diameter insulation	4,8 mm ± 5 % PP 5 1,25 mm
Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation	4,8 mm ± 5 % PP 5 1,25 mm ± 5 %
Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation	4,8 mm ± 5 % PP 5 1,25 mm ± 5 % 70 ± 5 Shore D
Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation	4,8 mm   ± 5 %   PP   5   1,25 mm   ± 5 %   70 ± 5 Shore D   lead-free, cadmium-free, CFC-free, halogen-free
Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire)	4,8 mm   ± 5 %   PP   5   1,25 mm   ± 5 %   70 ± 5 Shore D   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   42
Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires	4,8 mm   ± 5 %   PP   5   1,25 mm   ± 5 %   70 ± 5 Shore D   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   42   0,1 mm
Material wire insulation Amount wires Outer diameter insulation Outer diameter tolerance core insulation Shore hardness wire insulation Ingredient freeness wire insulation Amount strands (wire) Diameter of single wires Conductor crosssection (wire)	4,8 mm   ± 5 %   PP   5   1,25 mm   ± 5 %   70 ± 5 Shore D   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   42   0,1 mm   0,34 mm²

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Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,5 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Nominal voltage power AC max.	300 V
Power frequency withstand voltage power (wire - jacket)	2,5 kV @ 60 s
AC withstand voltage power (wire - wire)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
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	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 180 °/m

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