

M12 male 0° A-cod. with cable V2A

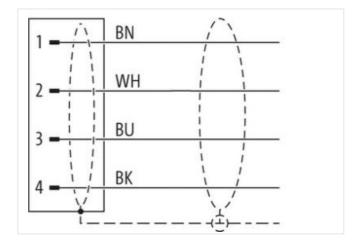
PUR 4x0.34 bk UL/CSA+drag ch. 15m

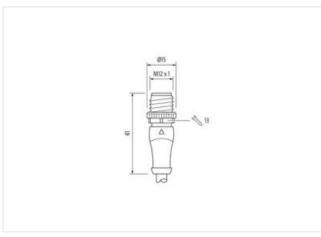
Male straight M12, 4-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Stainless steel 1.4305 (V2A) Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

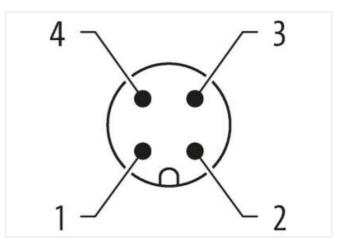
Link to Product

Illustration









Product may differ from Image



 Cable length
 15 m

 Side 1
 Tightening torque

 0,6 Nm

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Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP66K, IP67
Commercial data	, -
	07070040
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 ETIM-5.0	27060311
	EC001855
customs tariff number	85444290
GTIN Restaurit	4048879714754
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Device protection Electrical	
Additional condition protection degree	inserted, screwed
	inserted, screwed 3
Additional condition protection degree	
Additional condition protection degree Pollution Degree	3
Additional condition protection degree Pollution Degree Material group (IEC 60664-1)	3
Additional condition protection degree Pollution Degree Material group (IEC 60664-1) Mechanical data Material data	3 I
Additional condition protection degree Pollution Degree Material group (IEC 60664-1) Mechanical data Material data Material housing Locking material	3 I PUR
Additional condition protection degree Pollution Degree Material group (IEC 60664-1) Mechanical data Material data Material housing Locking material Mechanical data Mounting data	3 I PUR Stainless steel 1.4305 (V2A)
Additional condition protection degree Pollution Degree Material group (IEC 60664-1) Mechanical data Material data Material housing Locking material Mechanical data Mounting data Mounting method	3 I PUR Stainless steel 1.4305 (V2A) inserted, screwed, Shaking protection
Additional condition protection degree Pollution Degree Material group (IEC 60664-1) Mechanical data Material data Material housing Locking material Mechanical data Mounting data Mounting method Environmental characteristics Climatic	3 I PUR Stainless steel 1.4305 (V2A) inserted, screwed, Shaking protection
Additional condition protection degree Pollution Degree Material group (IEC 60664-1) Mechanical data Material data Material housing Locking material Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min.	3 I PUR Stainless steel 1.4305 (V2A) inserted, screwed, Shaking protection -25 °C
Additional condition protection degree Pollution Degree Material group (IEC 60664-1) Mechanical data Material data Material housing Locking material Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max.	3 I PUR Stainless steel 1.4305 (V2A) inserted, screwed, Shaking protection -25 °C 85 °C
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Additional condition protection degree Pollution Degree Material group (IEC 60664-1) Mechanical data Material data Material housing Locking material Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range	3 I PUR Stainless steel 1.4305 (V2A) inserted, screwed, Shaking protection -25 °C 85 °C
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Additional condition protection degree Pollution Degree Material group (IEC 60664-1) Mechanical data Material data Material housing Locking material Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification	3 I PUR Stainless steel 1.4305 (V2A) inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12) 634
Additional condition protection degree Pollution Degree Material group (IEC 60664-1) Mechanical data Material data Material housing Locking material Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation Cable Cable identification Cable Type	3 I PUR Stainless steel 1.4305 (V2A) inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12) 634 3
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Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,5 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	4
Outer diameter insulation	1,25 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	70 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Traversing distance (C-track)	10 m @ 25 °C horizontal
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 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 IEC 60332-2-2 UL 1581 § 1100 FT2
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)	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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