

M12 female 0° A-cod. with cable V2A

PUR 4x0.34 bk UL/CSA+drag ch. 65m

Female straight

M12, 4-pole

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

Stainless steel 1.4305 (V2A)

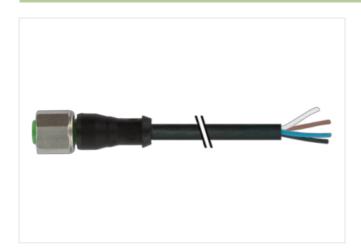
Plastic housings with good resistance against chemicals and oils.

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

Further cable lengths on request.

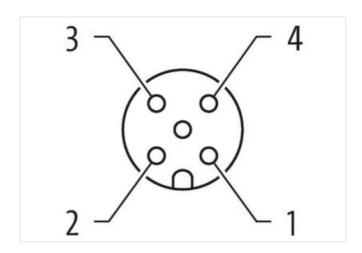
Link to Product

Illustration









Product may differ from Image





65 m Cable length Side 1

0,6 Nm Tightening torque



stay connected

Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP66K, IP67
Commercial data	
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	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879809689
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
Pollution Degree	3
Material group (IEC 60664-1)	I
Mechanical data Material data	
Material housing	PUR
Material housing Locking material	PUR Stainless steel 1.4305 (V2A)
<u>-</u>	
Locking material	
Locking material Mechanical data Mounting data	Stainless steel 1.4305 (V2A)
Locking material Mechanical data Mounting data Mounting method Environmental characteristics Climatic	Stainless steel 1.4305 (V2A) inserted, screwed, Shaking protection
Locking material Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min.	Stainless steel 1.4305 (V2A) inserted, screwed, Shaking protection -25 °C
Locking material Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max.	Stainless steel 1.4305 (V2A) inserted, screwed, Shaking protection
Locking material Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range	Stainless steel 1.4305 (V2A) inserted, screwed, Shaking protection -25 °C 85 °C
Locking material Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity	Stainless steel 1.4305 (V2A) inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality
Locking material Mechanical data Mounting data Mounting method Environmental characteristics Climatic Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard	Stainless steel 1.4305 (V2A) inserted, screwed, Shaking protection -25 °C 85 °C
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	Stainless steel 1.4305 (V2A) inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12)
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	Stainless steel 1.4305 (V2A) inserted, screwed, Shaking protection -25 °C 85 °C depending on cable quality DIN EN 61076-2-101 (M12)
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	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
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 Jacket Color	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 black
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 Jacket Color Type of Certificate	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 black cURus
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 Jacket Color Type of Certificate Amount stranding	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 black cURus 1
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 Jacket Color Type of Certificate Amount stranding Stranding	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 black cURus 1 4 wires twisted
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 Jacket Color Type of Certificate Amount stranding Stranding wire arrangement	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 black cURus 1 4 wires twisted brown, black, blue, white
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 Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track)	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 black cURus 1 4 wires twisted brown, black, blue, white 10 Mio. @ 25 °C
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 Jacket Color Type of Certificate Amount stranding Stranding wire arrangement No. of bending cycles (C-track) Cable weigth	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 black cURus 1 4 wires twisted brown, black, blue, white 10 Mio. @ 25 °C 36,3 g/m
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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: 2024-04-24



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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 mm²
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