

## M12 female 0° A-cod. with cable V2A

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

Female straight

M12, 4-pole

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

Stainless steel 1.4305 (V2A)

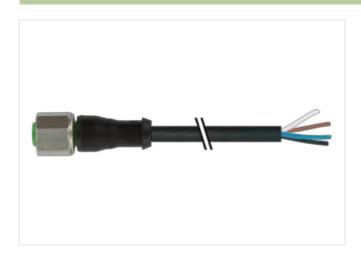
Plastic housings with good resistance against chemicals and oils.

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

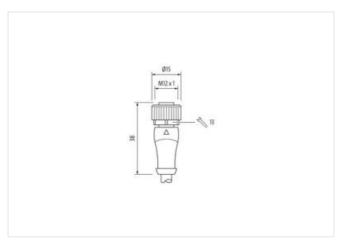
Further cable lengths on request.

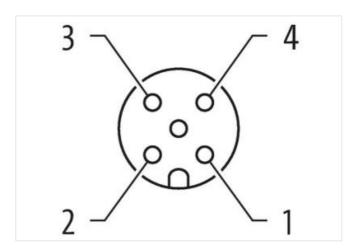
## **Link to Product**

## Illustration









Product may differ from Image





Cable length 5 m

Tightening torque 0,6 Nm

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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	4048879112451
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	
	install required
Additional condition protection degree	inserted, screwed
Pollution Degree  Material group (IEC 60664-1)	3 I
	'
Mechanical data   Material data	
Material housing	PUR
Locking material	Stainless steel 1.4305 (V2A)
Mechanical data   Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics   Climatic	
Environmental characteristics   Climatic Operating temperature min.	; -25 °C
·	
Operating temperature min.	-25 °C
Operating temperature min.  Operating temperature max.	-25 °C 85 °C
Operating temperature min.  Operating temperature max.  Additional condition temperature range  Conformity	-25 °C 85 °C depending on cable quality
Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard	-25 °C 85 °C
Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation   Cable	-25 °C 85 °C depending on cable quality  DIN EN 61076-2-101 (M12)
Operating temperature min. Operating temperature max. Additional condition temperature range Conformity Product standard Installation   Cable Cable identification	-25 °C  85 °C  depending on cable quality  DIN EN 61076-2-101 (M12)
Operating temperature min. Operating temperature max. Additional condition temperature range  Conformity  Product standard  Installation   Cable  Cable identification  Cable Type	-25 °C  85 °C  depending on cable quality  DIN EN 61076-2-101 (M12)  634  3
Operating temperature min. Operating temperature max. Additional condition temperature range  Conformity  Product standard  Installation   Cable  Cable identification  Cable Type  Jacket Color	-25 °C  85 °C  depending on cable quality  DIN EN 61076-2-101 (M12)  634  3  black
Operating temperature min. Operating temperature max. Additional condition temperature range  Conformity  Product standard  Installation   Cable  Cable identification  Cable Type  Jacket Color  Type of Certificate	-25 °C  85 °C  depending on cable quality  DIN EN 61076-2-101 (M12)  634  3  black cURus
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	-25 °C 85 °C depending on cable quality  DIN EN 61076-2-101 (M12)  634 3 black cURus 1
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	-25 °C  85 °C  depending on cable quality  DIN EN 61076-2-101 (M12)  634  3  black  cURus  1  4 wires twisted
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	-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
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)	-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
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	-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
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	-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

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	stay connected	

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 <sup>2</sup>
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