

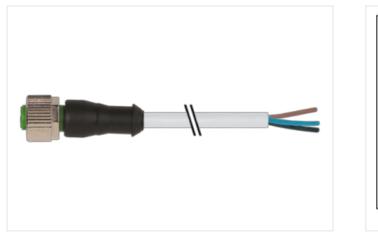
M12 female 0° A-cod. with cable

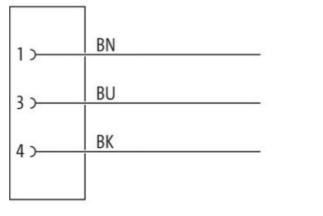
PUR 3x0.34 gy UL/CSA+drag ch. 40m

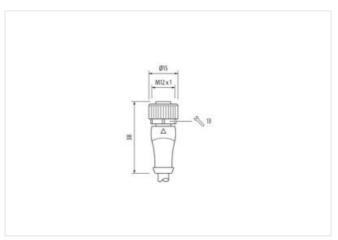
Female straight M12, 3-pole Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request with cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

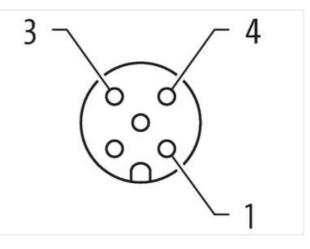
Link to Product

Illustration









Product may differ from Image



Cable length

Side 1

Tightening torque

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40 m

0,6 Nm



Family construction form M12 Prevalat M12 × 1 suitable for corrugated tube (minmal 0) 10 mm Coding A Machail PUR Nacroid (N) PUR Witch access filts Silts Witch access filts Silts Dagree of protection (EN IEC D0529) IPSI, IPSIR, IPSIR Side 2 Silts Side 3 Strippin griph (gobel) Side 3 27278/18 ECLASS 5.0 27090311 ECLASS 5.0 27090311 ECLASS 5.0 27090311 ECLASS 5.0 2709041	Mounting method	inserted, screwed
satable for corungated tube (internal 0) 10 mm Coding A Maerial PUR No. of poles 3 Width access fills SW13 Degree of protection (EN IEC 60529) IPEs, IP68K, IP67 Side 2 IPES Side 3 SW13 Common (Internation (EN IEC 60529) IPES, IP68K, IP67 Side 4 IPES Common (Internation (EN IEC 60529) IPES, IP68K, IP67 Side 5 IPES Common (Internation (EN IEC 60529) IPES, IP68K, IP67 Side 5 IPES Common (Internation (EN IEC 60529) IPES Common (Internation (Interna	Family construction form	M12
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GTIN 4048879213851 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage AC (IL-listed) 30 V Operating voltage DC max. 250 V Operating voltage DC (IL-listed) 30 V Current operating per contact max. 4 A Installation Connection 30 V Stripping length (jacket) 20 mm Mounting set M12 x 1 Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Material group (IEC 60664-1) 1 Internal data Material data Coating of fitting Coating of fitting nickeled Coating of fitting nickel plated Locking material Zinc die-casting Material screw connection Zinc die-casting Mechanical data Mounting data Mounting data Mounting method inserted, screwed, Shaking protection Environmental characteristics Climatic Coating of fitting Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	ETIM-5.0	EC001855
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Operating temperature max. 85 °C Additional condition temperature range depending on cable quality	Environmental characteristics Climatic	
Additional condition temperature range depending on cable quality	Operating temperature min.	-25 °C
	Operating temperature max.	85 °C
Important installation notes	Additional condition temperature range	depending on cable quality
	Important installation notes	

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Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
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.
Conformity	
roduct standard	DIN EN 61076-2-101 (M12)
Installation Cable	
vire arrangement	brown, black, blue
Cable identification	233
Cable Type	3
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	3 wires twisted
vire arrangement	brown, black, blue
Cable weigth	29,7 g/m
Aaterial jacket	PUR
Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Duter-diameter (jacket)	4,1 mm
Folerance outer diameter (sheath)	±5%
Aaterial wire insulation	PP
Amount wires	3
Duter diameter insulation	1,25 mm
Duter diameter tolerance core insulation	±5%
Shore hardness wire insulation	70 ± 5 Shore D
ngredient 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
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	6 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire -	
acket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Dperating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
lame resistance	UL 1581 § 1090 IEC 60332-2-2 UL 1581 § 1100 FT2
hemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Dil resistance	Good, application-related testing DIN EN 60811-404
ending radius (fixed)	5 x Outer diameter
ending radius (dynamic)	10 x Outer diameter
lo. of bending cycles (C-track)	10 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Fravel speed (C-track)	3 m/s @ 25 °C
No. of torsion cycles	2 Mio.
Forsion stress	± 180 °/m
Torsion speed	35 cycles/min

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