

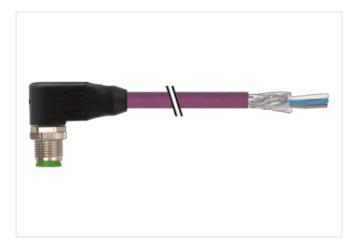
M12 male 90° A-cod. with cable

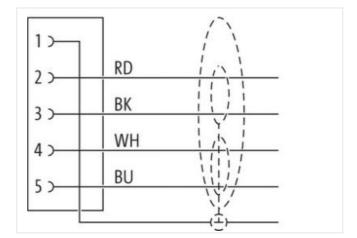
PUR AWG24+22 shielded vt UL/CSA+drag ch. 3m

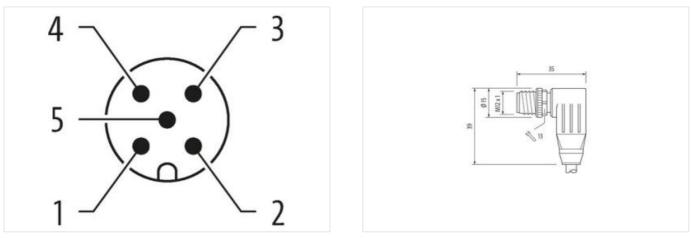
DeviceNet, CANopen Male 90° M12, 5-pole shielded Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

Illustration







Product may differ from Image



Cable length

Side 1

Tightening torque

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: 2024-04-17

3 m

0,6 Nm



Family construction formM12TreadM12 a 1CodiqAMaterialPURWith arcoss fairsSW13Degree of potestion (EN EC 60529)PES, PEGK, PE7Side 2Stropp length (acker)20 mnCommorial data27061801ECLASS-6.027061801ECLASS-7.027061801ECLASS-7.027061801ECLASS-7.027061801ECLASS-7.027061801ECLASS-7.027061801ECLASS-7.027061801ECLASS-7.027061801ECLASS-7.027061801ECLASS-7.027061801ECLASS-7.027061801ECLASS-7.027061801ECLASS-7.027061801ECLASS-7.127060307ECLASS-7.1027060307ECLASS-7.1027060307ECLASS-7.1027060307ECLASS-7.1027060307ECLASS-7.1027060307ECLASS-7.1027060307ECLASS-7.1027060307ECLASS-7.1027060307ECLASS-7.1027060307ECLASS-7.1027060307ECLASS-7.1027060307ECLASS-7.1027060307ECLASS-7.1027060307ECLASS-7.1027060307ECLASS-7.1027060307ECLASS-7.1027060307ECLASS-7.1027060307ECLASS-7.10300ECLASS-7.10300Commonition and an enter stropp enter stro	Mounting method	inserted, screwed
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Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Installation Cable 2000 Cable identification 803 Jacket Color violet Type of Certificate cURus	Mechanical data Mounting data	
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Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Installation Cable Cable identification Cable identification 803 Jacket Color violet Type of Certificate cURus	Environmental characteristics Climatic	
Additional condition temperature range depending on cable quality Installation Cable Cable identification 803 Jacket Color violet Type of Certificate cURus	Operating temperature min.	-25 °C
Installation Cable Cable identification 803 Jacket Color violet Type of Certificate cURus	Operating temperature max.	85 °C
Cable identification 803 Jacket Color violet Type of Certificate cURus	Additional condition temperature range	depending on cable quality
Jacket Color violet Type of Certificate cURus	Installation Cable	
Type of Certificate cURus	Cable identification	803
	Jacket Color	violet
Amount stranding 1	Type of Certificate	cURus
	Amount stranding	1

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Stranding 2 wires twisted Amount stranding (type 2) 1 Stranding (type 2) 2 Stranded joints twisted Cable shielding (type) copper braid, tinned	
Stranding (type 2) 2 Stranded joints twisted	
Cable shielding (type) Copper braid, timed	
Cable shielding (coverage) 65 %	
Banding Foil	
Drain wire (cross-section) 22 AWG	
wire arrangement (white, blue), (black, red)	
No. of bending cycles (C-track) 1 Mio.	
Cable weigth 63,12 g/m	
Material jacket PUR	
Shore hardness jacket 90 ± 5 Shore A	
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	
Outer-diameter (jacket) 6,9 mm	
Tolerance outer diameter (sheath) ± 5 %	
Material wire insulation PE	
Amount wires 2	
Outer diameter insulation 2,1 mm	
Outer diameter tolerance core insulation ± 5 %	
Shore hardness wire insulation 64 ± 5 Shore D	
Ingredient freeness wire insulation lead-free, CFC-free, halogen-free	
Amount strands (wire) 19	
Diameter of single wires 24 AWG	
Conductor crosssection (wire) 24 AWG	
Drain wire (cross-section) 22 AWG	
Material conductor wire copper stranded wire, tinned	
Electrical function wire Data	
Material wire insulation (Data) PE	
Outer diameter wire insulation (Data) 1,5 mm	
Tolerance outer diameter wire insulation (data) ± 53 %	
Ingredient freeness wire insulation (Data) lead-free, CFC-free, halogen-free	
Amount wires (Data) 2	
Amount strands wire (Data) 19	
Diameter of single wires (Data) 22 AWG	
Conductor crosssection wire (Data) 22 AWG	
Material conductor wire (Data) copper stranded wire, tinned	
Electrical function wire (data) Power	
Traversing distance (C-track) 5 m	
Current load capacity (standard) to DIN VDE 0298-4	
Current load capacity min. wire 4,5 A	
Current load capacity min. Wire (Data) 6 A	
Electrical function wire Data	
Electrical function wire (data) Power	
$\frac{120 \Omega \times 10^{10} \mathrm{MHz}}{120 \Omega \times 10^{10} \mathrm{MHz}}$	
Electrical resistance line constant wire $78 \Omega/km$	
Electrical resistance coating wire (Data) $54 \Omega/km$	
Nominal voltage power AC max. 300 V	
Electric capacitance (power) 40000 pF/km	
AC withstand voltage power (wire - shield) 2 kV @ 60 s	
AC withstand voltage power (wire - wire) 2 kV @ 60 s	
Min. operating temperature (static) -40 °C	
Max. operating temperature (fixed) 80 °C	
Operating temperature min. (dynamic) -30 °C	
Operating temperature max. (dynamic) 70 °C	

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Flame resistance	UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (installation)	x Outer diameter
Bending radius (fixed)	6 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of torsion cycles	2 Mio.
Torsion speed	35 cycles/min
Torsion stress	± 30 °/m

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