

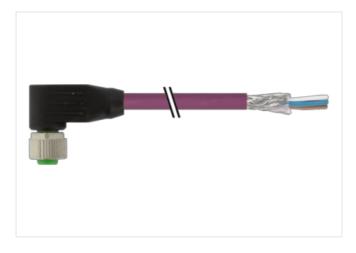
M12 female 90° A-cod. with cable

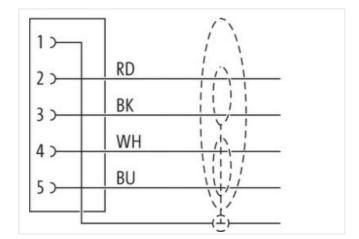
PUR AWG24+22 shielded vt UL/CSA+drag ch. 1.5m

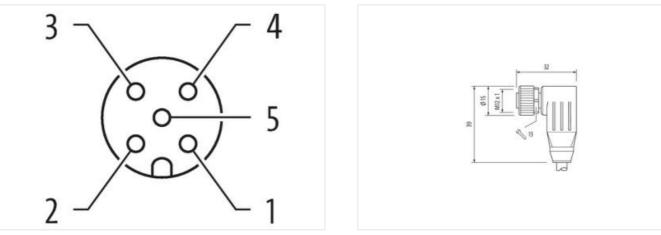
DeviceNet, CANopen Female 90° M12, 5-pole shielded Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

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: 2024-04-27

1,5 m

0,6 Nm



Thread M12 x 1 Cading A Material PUR With across flabs SW13 Orgare of protection (EN IEC 00029) IPSE, IPSK, IPSK ECALASS 0.0 27061801 ECALASS 0.0 27061801 ECALASS 0.0 27061801 ECALASS 1.0 27061801 ECALASS 1.0 27061801 ECALASS 1.1 27060007 ECALASS 1.1 27060007 ECALASS 1.1 27060007 ECALASS 1.2.0 27061801 ECALASS 1.1 27060007 ECALASS 1.2.0 27060007 ECALASS 1.2.0 27060007 ECALASS 1.2.0 27060007 ECALASS 1.2.0 26001825 ECALAST 1.0 2600007 ECALAST 2.0 26001825 ECALAST 1.0 2600007 ECALAST 1.0 26000000 ECALAST 1.0 </th <th>Mounting method</th> <th>inserted, screwed</th>	Mounting method	inserted, screwed
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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: 2024-04-27



Stranding	2 wires twisted
Amount stranding (type 2)	1
Stranding (type 2)	2 Stranded joints twisted
Cable shielding (type)	copper braid, tinned
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	
Electrical function wire	copper stranded wire, tinned
	Data
Material wire insulation (Data)	PE
Outer diameter wire insulation (Data)	1,5 mm
Tolerance outer diameter wire insulation (data)	
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)	copper stranded wire, tinned Power
Electrical function wire (data) Traversing distance (C-track)	copper stranded wire, tinned Power 5 m
Electrical function wire (data) Traversing distance (C-track) Current load capacity (standard)	copper stranded wire, tinned Power 5 m to DIN VDE 0298-4
Electrical function wire (data) Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire	copper stranded wire, tinned Power 5 m
Electrical function wire (data) Traversing distance (C-track) Current load capacity (standard)	copper stranded wire, tinned Power 5 m to DIN VDE 0298-4
Electrical function wire (data) Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire	copper stranded wire, tinned Power 5 m to DIN VDE 0298-4 4,5 A
Electrical function wire (data) Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Current load capacity min. Wire (Data)	copper stranded wire, tinned Power 5 m to DIN VDE 0298-4 4,5 A 6 A
Electrical function wire (data) Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Current load capacity min. Wire (Data) Electrical function wire	copper stranded wire, tinned Power 5 m to DIN VDE 0298-4 4,5 A 6 A Data
Electrical function wire (data) Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Current load capacity min. Wire (Data) Electrical function wire Electrical function wire (data)	copper stranded wire, tinned Power 5 m to DIN VDE 0298-4 4,5 A 6 A Data Power
Electrical function wire (data) Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Current load capacity min. Wire (Data) Electrical function wire Electrical function wire (data) Characteristic impedance	copper stranded wire, tinnedPower5 mto DIN VDE 0298-44,5 A6 ADataPower120 Ω ± 10 % @ 1 MHz
Electrical function wire (data) Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Current load capacity min. Wire (Data) Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire	copper stranded wire, tinned Power 5 m to DIN VDE 0298-4 4,5 A 6 A Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km
Electrical function wire (data) Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Current load capacity min. Wire (Data) Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data)	copper stranded wire, tinnedPower5 mto DIN VDE 0298-4 $4,5 A$ $6 A$ DataPower $120 \Omega \pm 10 \% @ 1 MHz$ $78 \Omega/km$ $54 \Omega/km$
Electrical function wire (data) Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Current load capacity min. Wire (Data) Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) Nominal voltage power AC max.	copper stranded wire, tinned Power 5 m to DIN VDE 0298-4 4,5 A 6 A Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 54 Ω/km 300 V
Electrical function wire (data) Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Current load capacity min. Wire (Data) Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) Nominal voltage power AC max. Electric capacitance (power)	copper stranded wire, tinned Power 5 m to DIN VDE 0298-4 4,5 A 6 A Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 54 Ω/km 300 V 40000 pF/km
Electrical function wire (data) Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Current load capacity min. Wire (Data) Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) Nominal voltage power AC max. Electric capacitance (power) AC withstand voltage power (wire - shield)	copper stranded wire, tinnedPower5 mto DIN VDE 0298-4 $4,5 A$ $6 A$ DataPower $120 \Omega \pm 10 \% @ 1 MHz$ $78 \Omega/km$ $54 \Omega/km$ $300 V$ $40000 pF/km$ $2 kV @ 60 s$
Electrical function wire (data) Traversing distance (C-track) Current load capacity (standard) Current load capacity (standard) Current load capacity min. wire Current load capacity min. Wire (Data) Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) Nominal voltage power AC max. Electric capacitance (power) AC withstand voltage power (wire - shield) AC withstand voltage power (wire - wire)	copper stranded wire, tinned Power 5 m to DIN VDE 0298-4 4,5 A 6 A Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 54 Ω/km 300 V 40000 pF/km 2 kV @ 60 s 2 kV @ 60 s
Electrical function wire (data) Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Current load capacity min. Wire (Data) Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) Nominal voltage power AC max. Electric capacitance (power) AC withstand voltage power (wire - shield) AC withstand voltage power (wire - wire) Min. operating temperature (static)	copper stranded wire, tinned Power 5 m to DIN VDE 0298-4 4,5 A 6 A Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 54 Ω/km 300 V 40000 pF/km 2 kV @ 60 s 2 kV @ 60 s -40 °C
Electrical function wire (data) Traversing distance (C-track) Current load capacity (standard) Current load capacity min. wire Current load capacity min. Wire (Data) Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) Nominal voltage power AC max. Electric capacitance (power) AC withstand voltage power (wire - shield) AC withstand voltage power (wire - wire) Min. operating temperature (static) Max. operating temperature (fixed)	copper stranded wire, tinned Power 5 m to DIN VDE 0298-4 4,5 A 6 A Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 300 V 40000 pF/km 2 kV @ 60 s 2 kV @ 60 s 2 kV @ 60 s 40 °C 80 °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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