

M12 female recept. A-cod. rear

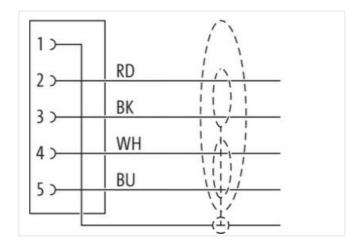
PUR AWG24+22 shielded vt UL/CSA+drag ch. 1m

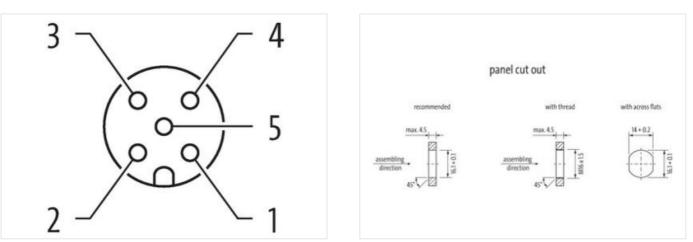
DeviceNet, CANopen Flange female M12, 5-pole Rear mounting without cable sleeves Further cable lengths on request. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product



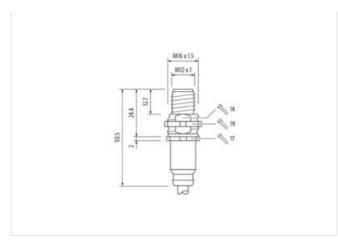






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Product may differ from Image



Cable length	1 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Family construction form	M12
Thread	M12 x 1
suitable for corrugated tube (internal Ø)	10 mm
Coding	A
Material	Brass
No. of poles	5
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP67
Side 2	
Stripping length (jacket)	20 mm
Commercial data	
ECLASS-6.0	27279220
ECLASS-6.1	27279220
ECLASS-7.0	27440103
ECLASS-8.0	27440103
ECLASS-9.0	27440103
ECLASS-10.1	27440103
ECLASS-11.1	27440103
ECLASS-12.0	27440103
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4048879732024
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	60 V
Operating voltage DC max.	60 V
Current operating per contact max.	4 A
Installation Connection	
ation in this Product-PDE has been compiled with th	

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Mounting set M18 x 1.5 Widm across flats SW19 Device protection Electrical Protection NEMA Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 1.5 kV Matchanical data Material data Cacing housing Coating housing nickel plated Coating toolking Brass Material screw commercion Brass Mounting method Schraubgewinde Looking techniques Schraubgewinde Noting method Schraubgewinde Looking techniques Schraubgewinde <	Stripping length (jacket)	20 mm
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Stranding (type 2) 2 Stranded joints twisted Cable shielding (type) copper braid, tinned	-	
Cable shielding (type) copper braid, tinned		
Banding Foil		
Drain wire (cross-section) 22 AWG	Drain wire (cross-section)	22 AWG
wire arrangement (white, blue), (black, red)	· · · · · · · · · · · · · · · · · · ·	(white, blue), (black, red)
Traversing distance (C-track) 5 m	Traversing distance (C-track)	5 m
Cable weigth 63,12 g/m	Cable weigth	63,12 g/m
Material jacket PUR	Material jacket	PUR
Shore hardness jacket 90 ± 5 Shore A	Shore hardness jacket	90 ± 5 Shore A
Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket) 6,9 mm	Outer-diameter (jacket)	6,9 mm
Tolerance outer diameter (sheath) ± 5 %	Tolerance outer diameter (sheath)	±5%
Material wire insulation PE	Material wire insulation	PE

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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
Nominal voltage AC max.	300 V
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
Current load capacity min. Wire (Data) Electrical function wire	6 A Data
Electrical function wire	6 A Data Power
Electrical function wire Electrical function wire (data)	Data Power
Electrical function wire Electrical function wire (data) Characteristic impedance	Data Power 120 Ω ± 10 % @ 1 MHz
Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire	Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km
Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data)	Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 54 Ω/km
Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) AC withstand voltage (wire - wire)	Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 54 Ω/km 2 kV @ 60 s
Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) AC withstand voltage (wire - wire) Electric capacitance	Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 54 Ω/km 2 kV @ 60 s 40000 pF/km
Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) AC withstand voltage (wire - wire) Electric capacitance AC withstand voltage (wire - shield)	Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 54 Ω/km 2 kV @ 60 s
Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) AC withstand voltage (wire - wire) Electric capacitance AC withstand voltage (wire - shield) Min. operating temperature (static)	Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 54 Ω/km 2 kV @ 60 s 40000 pF/km 2 kV @ 60 s
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Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) AC withstand voltage (wire - wire) Electric capacitance AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature min. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance	Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 54 Ω/km 2 kV @ 60 s 40000 pF/km 2 kV @ 60 s 40 °C 80 °C -30 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing
Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) AC withstand voltage (wire - wire) Electric capacitance AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance	Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 54 Ω/km 2 kV @ 60 s 40000 pF/km 2 kV @ 60 s 40 °C 80 °C -30 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing
Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) AC withstand voltage (wire - wire) Electric capacitance AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance	Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 54 Ω/km 2 kV @ 60 s 40000 pF/km 2 kV @ 60 s -40 °C 80 °C -30 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing DIN EN 60811-404 Good, application-related testing
Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) AC withstand voltage (wire - wire) Electric capacitance AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (installation)	Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 54 Ω/km 2 kV @ 60 s 40000 pF/km 2 kV @ 60 s 40 °C 30 °C -30 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing x Outer diameter
Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) AC withstand voltage (wire - wire) Electric capacitance AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Oil resistance Oil resistance Bending radius (installation) Bending radius (fixed)	Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 54 Ω/km 2 kV @ 60 s 40000 pF/km 2 kV @ 60 s 40000 pF/km 2 kV @ 60 s -40 °C 80 °C -30 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing x Outer diameter 6 x Outer diameter
Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) AC withstand voltage (wire - wire) Electric capacitance AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (installation) Bending radius (fixed) Bending radius (dynamic)	Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 54 Ω/km 2 kV @ 60 s 40000 pF/km 2 kV @ 60 s 40000 pF/km 2 kV @ 60 s -40 °C 80 °C -30 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing IDIN EN 60811-404 Good, application-related testing x Outer diameter 6 x Outer diameter 10 x Outer diameter
Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) AC withstand voltage (wire - wire) Electric capacitance AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (installation) Bending radius (dynamic) Travel speed (C-track)	Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 54 Ω/km 2 kV @ 60 s 40000 pF/km 2 kV @ 60 s 40 °C 80 °C -30 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing x Outer diameter 6 x Outer diameter 10 x Outer diameter 1 Mio.
Electrical function wire Electrical function wire (data) Characteristic impedance Electrical resistance line constant wire Electrical resistance coating wire (Data) AC withstand voltage (wire - wire) Electric capacitance AC withstand voltage (wire - shield) Min. operating temperature (static) Max. operating temperature (fixed) Operating temperature max. (dynamic) Operating temperature max. (dynamic) Flame resistance chemical resistance Gasoline resistance Oil resistance Bending radius (installation) Bending radius (dynamic) Travel speed (C-track) No. of torsion cycles	Data Power 120 Ω ± 10 % @ 1 MHz 78 Ω/km 54 Ω/km 2 kV @ 60 s 40000 pF/km 2 kV @ 60 s -40 °C 80 °C -30 °C 70 °C UL 1581 § 1100 FT2 IEC 60332-2-2 UL 1581 § 1090 Good, application-related testing Good, application-related testing DIN EN 60811-404 Good, application-related testing x Outer diameter 6 x Outer diameter 10 x Outer diameter 1 Mio. 2 Mio.

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: 2024-05-05

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