

M12 female recept. A-cod. rear

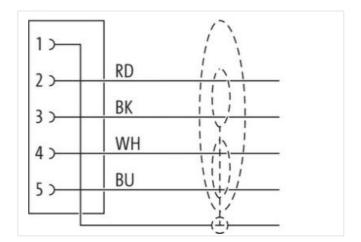
PUR AWG24+22 shielded vt UL/CSA+drag ch. 7.5m

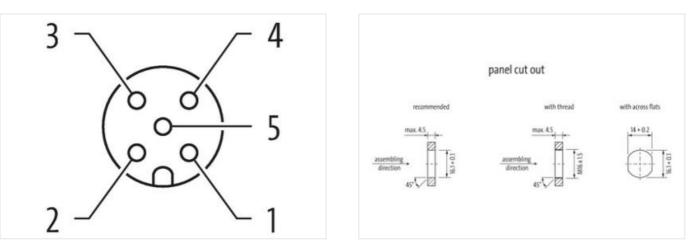
DeviceNet, CANopen Flange female M12, 5-pole Rear mounting without cable sleeves Further cable lengths on request. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product



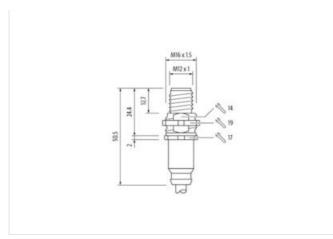






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Product may differ from Image



Cable length	7,5 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	4048879578288
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	
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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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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
Electrical function wire	Data
Electrical function wire (data)	Power
Characteristic impedance	120 Ω ± 10 % @ 1 MHz
Electrical resistance line constant wire	78 Ω/km
Electrical resistance coating wire (Data)	54 Ω/km
AC withstand voltage (wire - wire)	2 kV @ 60 s
Electric capacitance	40000 pF/km
AC withstand voltage (wire - shield)	2 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	0° C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
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
Travel speed (C-track)	1 Mio.
No. of torsion cycles	2 Mio.
Torsion stress	± 30 °/m
Torsion speed	35 cycles/min

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