

M12 male receptacle rear mount DeviceNet

PUR AWG24+22 shielded vt UL/CSA+drag ch. 10m

DeviceNet, CANopen

Flange male

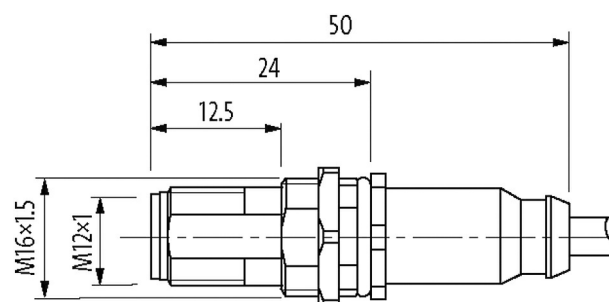
M12, 5-pole

shielded

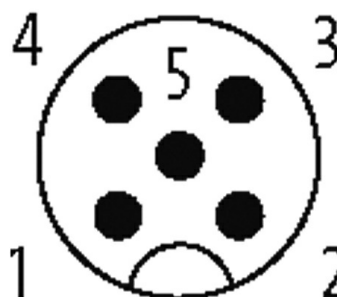
Rear mounting

Further cable lengths on request.

The resistance to aggressive media should be individually tested for your application. Further details on request.

Illustration

Male



Product may differ from Image

Approvals**More Info**

CANopen

DeviceNet

Form

Form 13531

Cables

No./diameter of wires	2× 0.25 + 2× 0.34 mm ²
Wire isolation	PE (rd, bk), (bl, wh)
Material (jacket)	PUR (UL/CSA)
Outer Ø	6.9 mm ±5%
Bend radius (moving)	10× outer Ø
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-30...+70 °C
Cable identification	803
Approval (cable)	UL (AWM-Style 20233/10578), CSA; CE
Cable weight [g/m]	63,12
Material (wire)	Cu wire, tin plated
Resistor (core)	max. 78 Ω/km (data pair, max. 54 Ω/km (power pair)); (20 °C)
Diameter (core)	2× 0.25 + 2× 0.34 mm ²
AWG	similar to AWG 24 (0.25 mm ²); similar to AWG 22 (0.34 mm ²)
Wire-Ø incl. isolation	2.1 mm ±5% (0.25 mm ²); 1.5 mm ±5% (0.34 mm ²)
Color/numbering of wires	wh, bl (data pair); bk, rd (power pair)
Shield	yes
	min. 65%
Material (jacket)	PUR
Outer-Ø (jacket)	6.9 mm ±5%
Color (jacket)	violet
chemical resistance	good resistance to oil, gasoline and chemicals
thermal resistance	flame retardant
Nominal voltage	300 V
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-30...+70 °C
Bend radius (fixed)	6× outer Ø
Bend radius (moving)	10× outer Ø
Traversing distance (C-track)	max. 5 m (horizontal)
Travel speed (C-track)	max. 3 m/s
Acceleration (C-track)	max. 5 m/s ²
Jacket Color	violet

Technical Data

Operating voltage	max. 125 V AC/DC
Rated surge voltage	1.5 kV
Operating current per contact	max. 4 A
No. of poles	5
Material group	IEC 60664-1, category I
Coding	A-coded
LED display	no
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW14)

Protection	IP67 inserted and tightened (EN 60529)
Protection NEMA	3, 4, 6P (UL 50E)
Locking material	Brass, nickel plated
Material	PUR

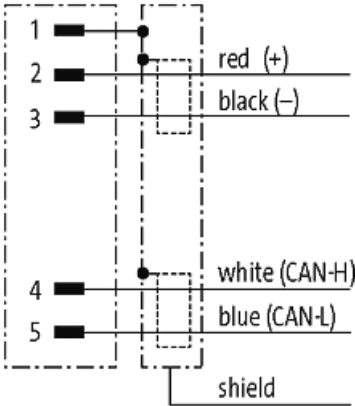
General data

Pollution Degree	3
Stripping length (jacket)	20 mm
Material (contact)	Copper alloy
Material (contact surface)	Au
Temperature range	-25...+85 °C, depending on cable quality

Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4048879595087
eClass	27279220
Packaging unit	1

Sketch



Product may differ from Image