

M12 male receptacle B coded rear mount Profibus

PUR 1x2xAWG24 shielded vt UL/CSA+dragchain 0,5m

Flange male

M12, 2-pole

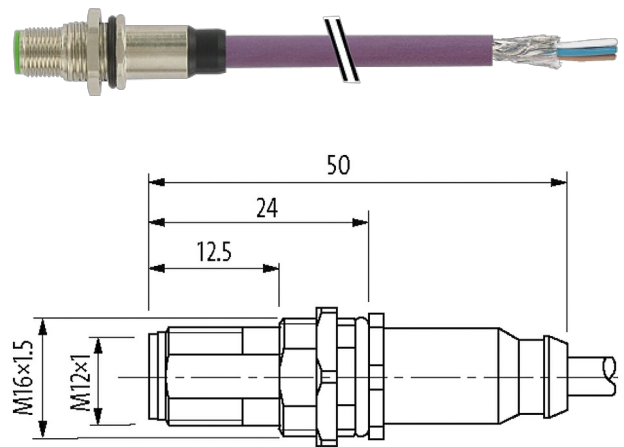
B-coded

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

Product may differ from Image

Approvals**More Info****Form**

Form 14131

Cables

No./diameter of wires	1 x 2 x 0.25 mm ²
Wire isolation	PE (rd, gn)
C-track properties	5 Mio.
Material (jacket)	PUR (UL/CSA)
Outer Ø	7.7 mm ±5%
Bend radius (moving)	12x outer Ø
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-20...+60 °C
Cable identification	841

Approval (cable)	UL (AWM-Style 20233), CE-conform
Cable weight [g/m]	70,40
Material (wire)	Cu wire, bare
Resistor (core)	max. 72 Ω /km (20 °C)
Single wire \varnothing (core)	0.13 mm
Construction (core)	19x 0.13 mm
Diameter (core)	1 x 2x 0.25 mm ²
AWG	similar to AWG 24
Material (wire isolation)	ZE-PE
Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	60 \pm 3 D
Wire- \varnothing incl. isolation	2.55 mm \pm 5%
Color/numbering of wires	rd, gn
Shield	yes
	min. 85%
Material (jacket)	PUR
Material property (jacket)	CFC-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant
Shore hardness (jacket)	87 \pm 3 A
Outer- \varnothing (jacket)	7.7 mm \pm 5%
Color (jacket)	violet
chemical resistance	good resistance to oil, gasoline and chemicals (VDE 0472 Teil 803 Test B)
thermal resistance	flame retardant UL 1581 VW1 / CSA FT1
Nominal voltage	300 V
Test voltage	1500 V AC
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-20...+60 °C
Bend radius (fixed)	7.5x outer \varnothing
Bend radius (moving)	12x outer \varnothing
No. of bending cycles (C-track)	max. 5 Mio. (25 °C)
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. 60 V AC/DC
Rated surge voltage	1.5 kV
Operating current per contact	max. 4 A
No. of poles	4
Material group	IEC 60664-1, category I
Coding	B-coded
LED display	no
Locking of ports	Screw thread (M12x1 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

General data

Pollution Degree	3
Material (contact)	Copper alloy
Material (contact surface)	Au

Stripping length (jacket)	20 mm
Temperature range	-25...+85 °C, depending on cable quality

Commercial data

country of origin	DE
customs tariff number	85444290
EAN	4048879582001
eClass	27279221
Packaging unit	1