

M12 female 0° with cable DeviceNet

PUR AWG24+AWG22 shielded vt UL/CSA+drag ch. 29m

DeviceNet, CANopen

Female straight

M12, 5-pole

A-coded

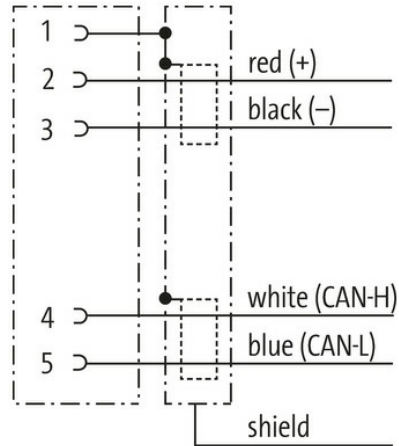
Plastic housings with good resistance against chemicals and oils.

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

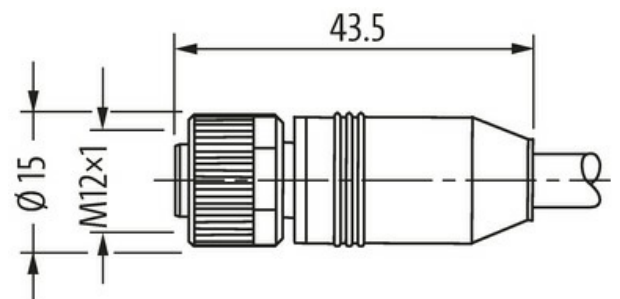
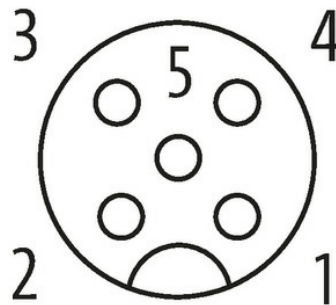
Further cable lengths on request.

[Link to Product](#)

Illustration



Female



Product may differ from Image

Approvals



* only for products with UL/CSA approved cable

More Info

DeviceNet

CANopen

Form

Form 13225

Technical Data

Operating voltage	max. 60 V AC/DC
Operating voltage (only UL listed)	max. 30 V AC/DC
Rated surge voltage	1.5 kV
Operating current per contact	max. 4 A
Material group	IEC 60664-1, category I
Coding	A-coded
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW13)
Protection	IP65, IP66K, IP67 inserted and tightened (EN 60529)
Material	PUR
Locking material	Zinc die casting, matte nickel plated
suitable for corrugated tube (internal Ø)	without

General data

Standards	DIN EN 61076-2-101 (M12)
Material (gasket)	FKM
Pollution Degree	3
Stripping length (jacket)	20 mm
Temperature range	-25...+85 °C, depending on cable quality

Cables

No./diameter of wires	2× 0.25 + 2× 0.34 mm ²
Wire isolation	PE (rd, bk), (bl, wh)
Outer Ø	6.9 mm ±5%
Cable identification	803
Approval (cable)	UL (AWM-Style 20233/10578), CSA; CE
Cable weight [g/m]	63,12 g
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
optical shield cover	min. 65%
Material (jacket)	PUR
Outer-Ø (jacket)	6.9 mm ±5%
Color (jacket)	violet
Jacket Color	violet
Cable labeling	see frame delivery specifications 7000-00000-001
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 (fixed)	-40...+80 °C
Temperature range (mobile)	-30...+70 °C
Temperature range (mobile)	-30...+70 °C
Bend radius (fixed)	6× outer Ø

Bend radius (moving)	10× outer Ø
Bend radius (moving)	10× outer Ø
Travel speed (C-track)	max. 3 m/s
Acceleration (C-track)	max. 5 m/s ²
Material (jacket)	PUR (UL/CSA)

Commercial data

country of origin	CZ
customs tariff number	85444290
EAN	4048879487283
eClass	27061801
Packaging unit	1.000