

M12 male 90° / M12 female 0° CANopen/DeviceNet

PUR AWG24+AWG22 shielded vt UL/CSA+drag ch. 0,3m

DeviceNet, CANopen

Male 90° – female straight

M12 – M12, 5-pole

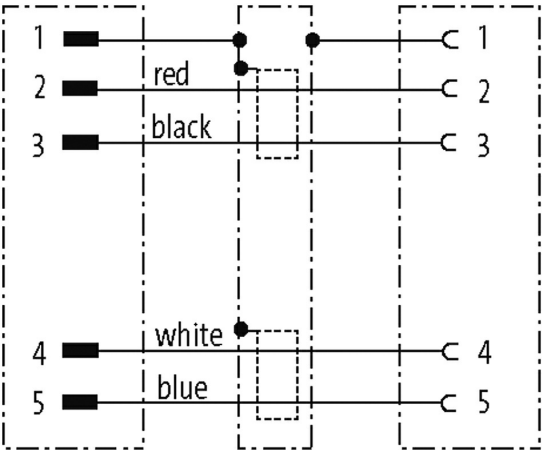
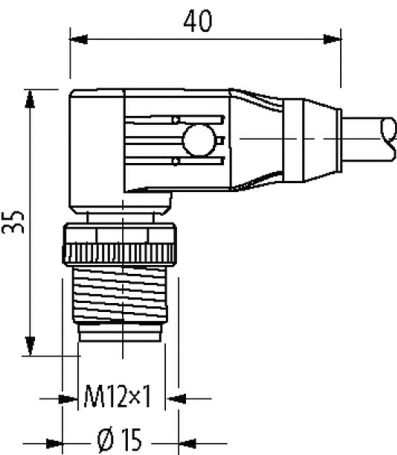
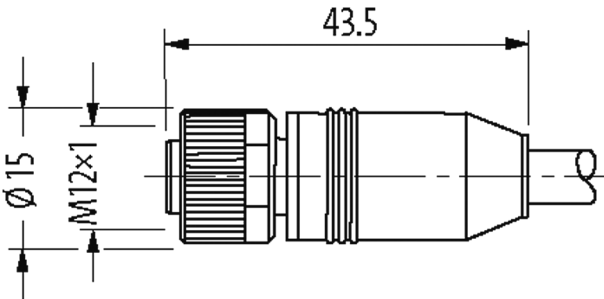
shielded

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.

Illustration



Product may differ from Image

Approvals



* only for products with UL/CSA approved cable

More Info

DeviceNet

CANopen

Form

Form 40231

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. 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)

Locking material	Zinc die casting, matte nickel plated
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Material	PUR
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suitable for corrugated tube (internal Ø)	without
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General data

Pollution Degree	3
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Mounting method	inserted, tightened
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Temperature range	-25...+85 °C, depending on cable quality
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Commercial data

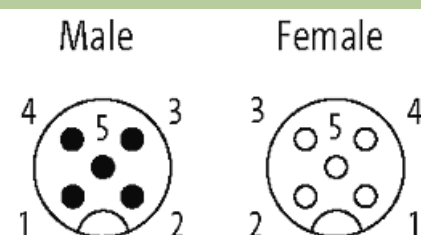
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eClass	27061801
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Packaging unit	1
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Sketch

Product may differ from Image