

M12 female 0° A-cod. with cable

PUR AWG24+22 shielded bu UL/CSA+drag ch. 30m

DeviceNet, CANopen

Female straight

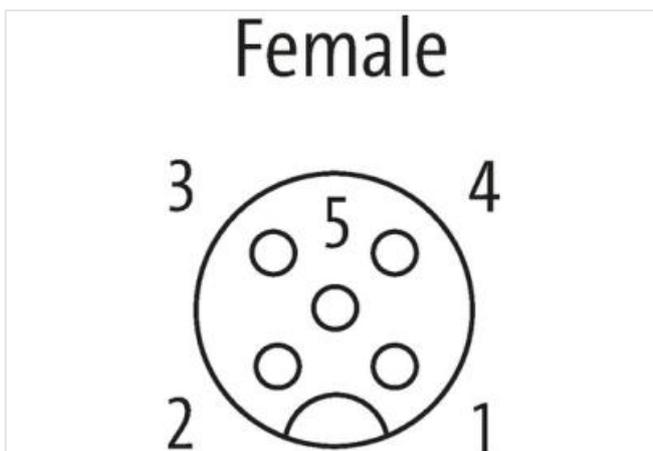
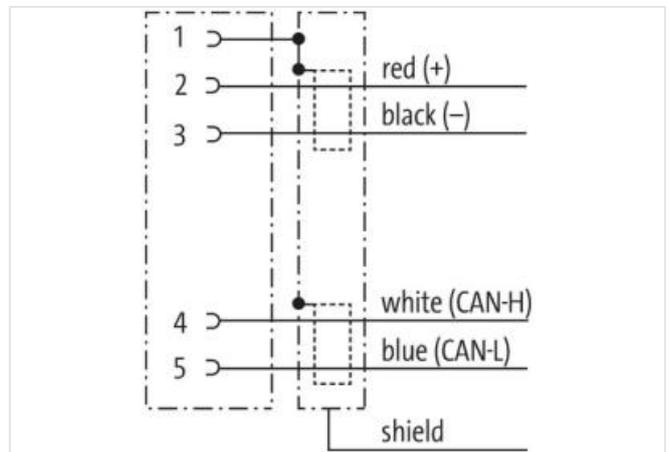
M12, 5-pole

A-coded

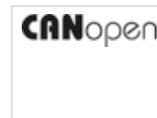
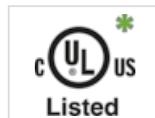
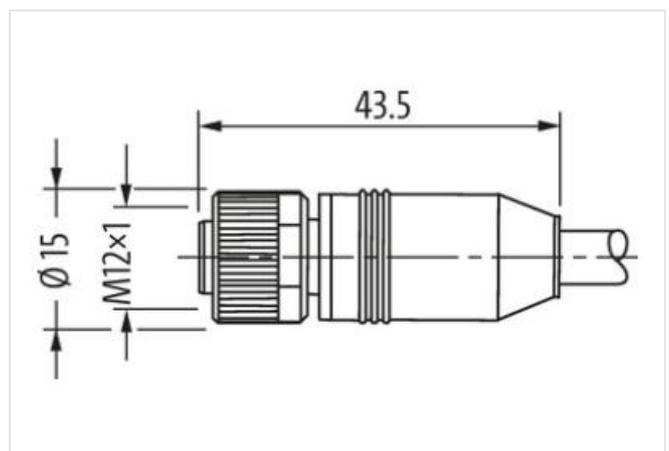
Plastic housings with good resistance against chemicals and oils.

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**

Product may differ from Image



* only for products with UL/CSA approved cable

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
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
Compression gland	M12 (SW13)
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	
Cable identification	834
Approval (cable)	cURus (AWM style 20549/10578); CE compliant
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)
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
Shield (Type)	Copper braid
optical shield cover	min. 65%
Material (jacket)	PUR
Outer-Ø (jacket)	6.9 mm ±5%
Color (jacket)	blue
thermal resistance	flame-retardant according to UL 1581 section 1090, section 1100 (FT2), IEC 60332-1-2 Std.
Nominal voltage	300 V
Test voltage	2000 V AC (test duration 1 min)
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-30...+70 °C
Bend radius (fixed)	6× outer Ø
Bend radius (moving)	10× outer Ø
No. of bending cycles (C-track)	max. 1 Mio. (25 °C)
Travel speed (C-track)	max. 3 m/s
Acceleration (C-track)	max. 5 m/s ²
Product article number of manufacturer	7000-13225-8343000
Cable length	30 m