

M12 female 0° shielded with cable F&B

PVC 5x0.34 shielded gy UL/CSA 20m

Plug Connectors for Food & Beverage

Female straight

M12, 5-pole

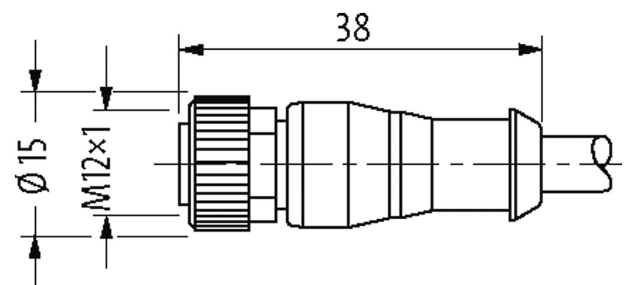
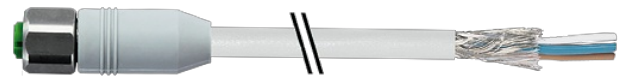
shielded

Profile gasket

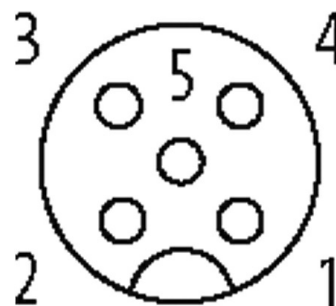
Plastic housings with good resistance against chemicals and oils.

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

cCSAus

Form

Form

13221

General data	
Temperature range	-25...+85 °C, depending on cable quality
Cables	
No./diameter of wires	5 × 0.34 mm ²
Wire isolation	PVC (br, wh, bl, bk, gr)
Material (jacket)	PVC (UL/CSA)
Outer Ø	5.6 mm ±5%
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Cable identification	203
Cable Type	1 (PVC)
Approval (cable)	UL (AWM-Style 2464/1731), CSA
Cable weight [g/m]	68,20
Material (wire)	Cu wire, bare
Resistor (core)	max. 57 Ω/km (20 °C)
Single wire Ø (core)	0.15 mm
Construction (core)	19 × 0.15 mm (multi-strand wire class 5)
Diameter (core)	5 × 0.34 mm ²
AWG	similar to AWG 22
Material (wire isolation)	PVC
Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	45 ±5 D
Wire-Ø incl. isolation	1.25 mm ±5%
Color/numbering of wires	br, bk, bl, wh, gr
Stranding combination	5 wires twisted around central filler
Shield	yes
Material (jacket)	PVC
Material property (jacket)	CFC-, cadmium-, silicone- and lead-free
Shore hardness (jacket)	85 ±5 A
Outer-Ø (jacket)	5.6 mm ±5%
Color (jacket)	gray
chemical resistance	good resistance to oil, gasoline and chemicals
thermal resistance	flame retardant UL 1581 VW1 / CSA FT1
Nominal voltage	300 V AC
Test voltage	2000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C
Bend radius (fixed)	10 × outer Ø
Jacket Color	gray
Technical Data	
Operating voltage	max. 60 V AC/DC
Rated surge voltage	1.5 kV
Operating current per contact	max. 4 A
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Protection	IP65, IP68 inserted and tightened (EN 60529)
Locking material	Stainless steel 1.4404 (V4A)
Commercial data	

country of origin	DE
customs tariff number	85444290
EAN	4048879620611
eClass	27279218
Packaging unit	1