

**M12 female 90° A-cod. with cable F&B Pro**

TPE-S 8x0.25 bu UL robot+drag ch. 5m

Plug Connectors for Food & Beverage

Further cable lengths on request.

Female 90°

M12 F&B Pro

8-pole

Stainless steel 1.4404 (V4A)

without cable sleeves

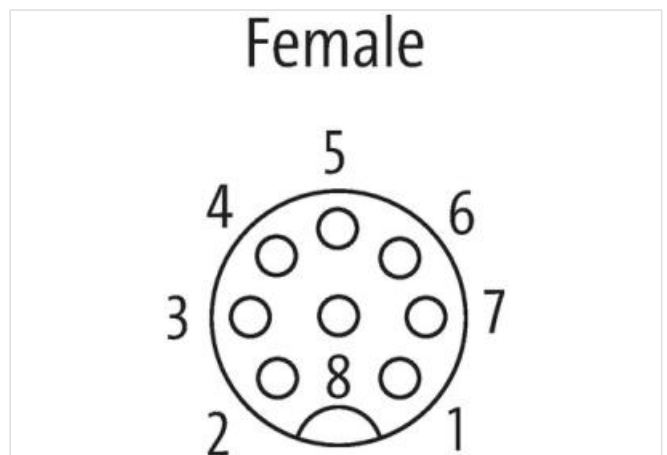
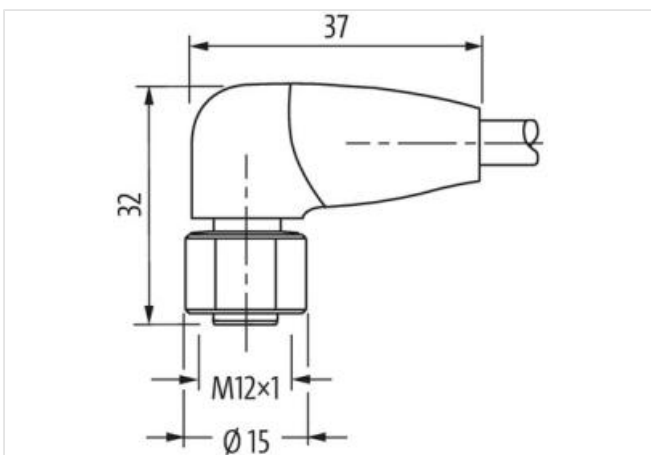
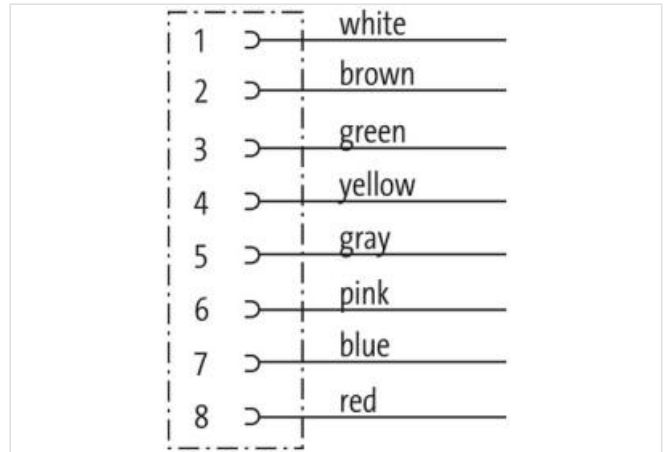
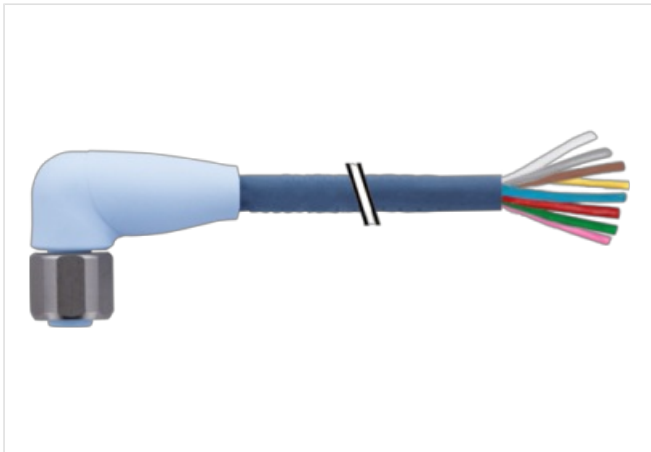
IP69K

Plastic housings with good resistance against chemicals and oils.

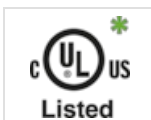
The resistance to aggressive media should be individually tested for your application. Further details on request.

[Link to Product](#)

**Illustration**



Product may differ from Image



\* only for products with UL/CSA approved cable

**Form**

Form 17061

Technical Data	
Operating voltage	max. 30 V AC/DC
Operating voltage (only UL listed)	max. 30 V AC/DC
Rated surge voltage	0.8 kV
Operating current per contact	max. 2 A
No. of poles	8
Material group	IEC 60664-1, category I
Coding	A-coded
LED display	no
Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
Compression gland	M12 (SW14)
Protection	IP65, IP68, IP69K inserted and tightened (EN 60529)
Material	PP
Locking material	Stainless steel 1.4404 (V4A)
suitable for corrugated tube (internal Ø)	without
General data	
Standards	DIN EN 61076-2-101 (M12), FDA conform
Mounting method	inserted, tightened
Material (contact)	Copper alloy
Material (contact surface)	Au
Material (gasket)	EPDM
Pollution Degree	3
Stripping length (jacket)	60 mm
Temperature range	-40...+105 °C, depending on cable quality
Material (contact carrier)	PP, ice blue
Cables	
Cable identification	312
Cable Type	TPE-S
Approval (cable)	UL (AWM-Style 22126/11558), CE conform
Cable weight [g/m]	46,2 g
Material (wire)	Cu wire, bare
Resistor (core)	max. 78 Ω/km (20 °C)
Single wire Ø (core)	0.1 mm
Construction (core)	32× 0.1 mm (multi-strand wire class 6)
Diameter (core)	8× 0.25 mm <sup>2</sup>
AWG	similar to AWG 24
Material (wire isolation)	PP
Material property (wire isolation)	CFC-, halogen-, cadmium-, silicone- and lead-free
Shore hardness (wire isolation)	64 ±3 D
Wire-Ø incl. isolation	1.17 mm ±5%
Color/numbering of wires	br, wh, rd, bl, pk, gr, ye, gn
Stranding combination	8 wires twisted around central filler
Shield	no
Material (jacket)	TPE-S (laser-markable)
Material property (jacket)	CFC-, halogen-, cadmium-, silicone- and lead-free, matt, low-adhesion, machine easy to process, abrasion-resistant, hydrolysis and microbial resistant
Shore hardness (jacket)	47 ±5 D
Outer-Ø (jacket)	6.3 mm ±5%
Color (jacket)	pastel blue
Jacket Color	pastel blue
Nominal voltage	300 V AC
Test voltage	3000 V AC

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2022-10-05

Murrelektronik Inc. | 1327 Northbrook Parkway, Suite 460 | Suwanee, GA 30024 | Fon +1 770 497-9292 | Fax +1 770 497-9391 | shop@murrinc.com | shop.murrinc.com