

M12 female 0° with cable F&B Pro

TPE-S 8x0.25 bu robot+drag chain 15m

Plug Connectors for Food & Beverage

Further cable lengths on request.

Female straight

M12 F&B Pro

8-pole

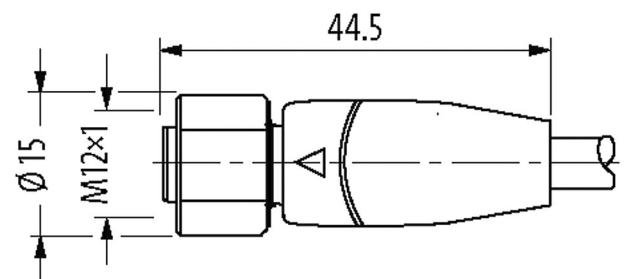
Stainless steel 1.4404 (V4A)

without cable sleeves

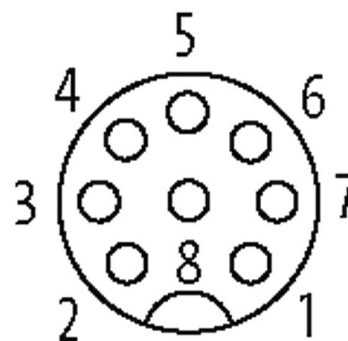
IP69K

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**

Female



Product may differ from Image

Approvals

* only for products with UL/CSA approved cable

Form	
Form	17041
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
Material (contact carrier)	PP, ice blue
Pollution Degree	3
Stripping length (jacket)	60 mm
Temperature range	-40...+105 °C, depending on cable quality
Cables	
Cable identification	312
Cable Type	TPE-S
Approval (cable)	UL (AWM-Style 22126/11558), CE conform
Cable weight [g/m]	46,20
Material (wire)	Cu wire, bare
Resistor (core)	max. 78 Ω /km (20 °C)
Single wire \varnothing (core)	0.1 mm
Construction (core)	32x 0.1 mm (multi-strand wire class 6)
Diameter (core)	8 x 0.25 mm ²
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 \pm 3 D
Wire- \varnothing incl. isolation	1.25 mm \pm 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 \pm 5 D
Outer- \varnothing (jacket)	6.0 mm \pm 5%
Color (jacket)	pastel blue
Nominal voltage	300 V AC
Test voltage	3000 V AC
Current load capacity	to DIN VDE 0298-4
Temperature range (fixed)	-40...+105 °C
Temperature range (mobile)	-25...+105 °C
Bend radius (fixed)	5x outer \varnothing
Bend radius (moving)	10x outer \varnothing
No. of bending cycles (C-track)	max. 4 Mio. (25 °C)
Traversing distance (C-track)	max. 10 m
Travel speed (C-track)	max. 3 m/s
Acceleration (C-track)	max. 10 m/s ²
Torsion stress	\pm 180°/m
No. of torsion cycles	max. 2 Mio. (25 °C)

Torsion speed 35 cycles/min

Jacket Color pastel blue

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

Commercial data

country of origin DE

customs tariff number 85444290

EAN 4048879810494

eClass 27279218

Packaging unit 1

Sketch

1	↷	white
2	↷	brown
3	↷	green
4	↷	yellow
5	↷	gray
6	↷	pink
7	↷	blue
8	↷	red

Product may differ from Image