

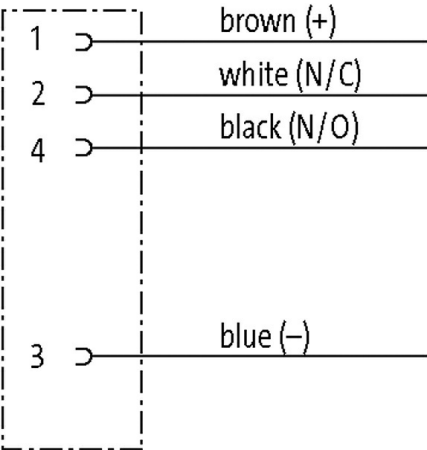
M12 female 0° with cable F&B Pro

TPE-S 4x0.34 bu UL robot+drag chain 20m

Plug Connectors for Food & Beverage
Further cable lengths on request.
Female straight
M12 F&B Pro
4-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

Approvals





* only for products with UL/CSA approved cable

Form

Form 12221

General data

Standards	DIN EN 61076-2-101 (M12), FDA conform
Mounting method	inserted, tightened
Material (contact)	Copper alloy
Material (contact surface)	Au
Material (contact carrier)	PP, ice blue

Material (gasket)	EPDM
Pollution Degree	3
Stripping length (jacket)	20 mm
Temperature range	-40...+105 °C, depending on cable quality

Cables

Cable number	321
No./diameter of wires	4 × 0.34 mm ²
Wire isolation	PP (br, wh, bl, bk)
C-track properties	4 Mio.
Jacket Color	pastel blue
Material (jacket)	TPE-S
Outer Ø	4.7 mm ±5%
Bend radius (moving)	10 × outer Ø
Temperature range (fixed)	-40...+105 °C
Temperature range (mobile)	-25...+105 °C
Cable identification	321
Approval (cable)	UL (AWM-Style 22126/11558), CE conform
Cable weight [g/m]	29,70
Material (wire)	Cu wire, bare
Resistor (core)	max. 58 Ω/km (20 °C)
Single wire Ø (core)	0.1 mm
Construction (core)	42 × 0.1 mm (multi-strand wire class 6)
Diameter (core)	4 × 0.34 mm ²
AWG	similar to AWG 22
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	1.27m ±5%
Color/numbering of wires	br, bk, bl, wh
Stranding combination	4 wires twisted
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)	4.7 mm ±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)	5 × outer Ø
Bend radius (moving)	10 × outer Ø
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	±180 °/m

No. of torsion cycles	max. 2 Mio. (25 °C)
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Torsion speed	35 cycles/min
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Technical Data

Operating voltage	max. 250 V AC/DC
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Operating voltage (only UL listed)	max. 30 V AC/DC
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Rated surge voltage	2.5 kV
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Operating current per contact	max. 4 A
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No. of poles	4-pole
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Material group	IEC 60664-1, category I
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Coding	A-coded
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LED display	no
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Locking of ports	Screw thread (M12×1 mm) recommended torque 0.6 Nm, self-securing
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Compression gland	M12 (SW14)
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Protection	IP65, IP68, IP69K inserted and tightened (EN 60529)
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Material	PP
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Locking material	Stainless steel 1.4404 (V4A)
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suitable for corrugated tube (internal Ø)	without
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Commercial data

country of origin	DE
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customs tariff number	85444290
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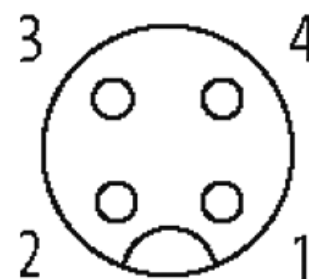
EAN	4048879779999
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eClass	27279218
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Packaging unit	1
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Sketch

Female



Product may differ from Image