

**M12 male 0° / M12 female 0° Cube67 F&B Pro**

TPE-S 0.5+0.25 shielded bu UL robot+drag ch. 1,5m

Plug Connectors for Food &amp; Beverage

Male straight – female straight

M12 F&amp;B Pro

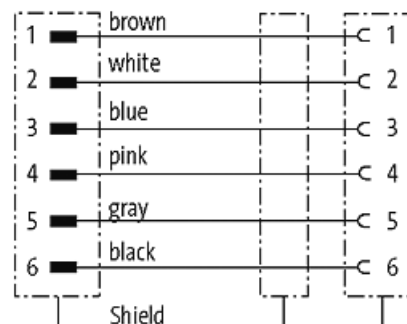
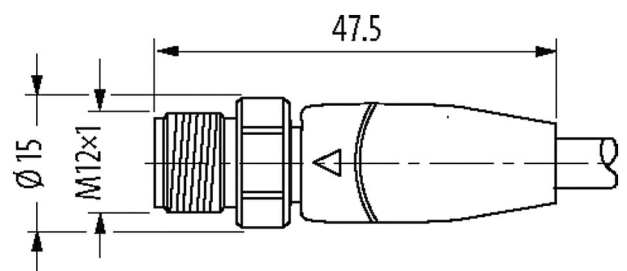
6-pole

Stainless steel 1.4404 (V4A)

without cable sleeves

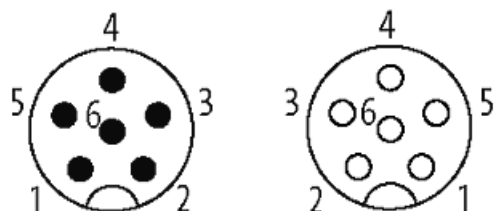
IP69K

Further cable lengths on request. 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**

Male

Female



Product may differ from Image

**Approvals**



## More Info

Cube67

## Form

Form 46041

## Cables

Cable identification	523
Approval (cable)	UL (AWM-Style 22126/11558), CE conform
Cable weight [g/m]	82,5
Material (wire)	Cu wire, bare
Resistor (core)	max. 39 Ω/km (0.5 mm <sup>2</sup> ), max. 78 Ω/km (0.25 mm <sup>2</sup> ); (20 °C)
Single wire Ø (core)	0.15 mm (0.5 mm <sup>2</sup> ); 0.1 mm (0.25 mm <sup>2</sup> )
Construction (core)	28× 0.15 mm (0.5 mm <sup>2</sup> ); 32× 0.1 mm (0.25 mm <sup>2</sup> ); (multi-strand wire class 6)
Diameter (core)	4× 0.5 + 2× 0.25 mm <sup>2</sup>
AWG	similar to AWG 20 (0.5 mm <sup>2</sup> ); similar to AWG 24 (0.25 mm <sup>2</sup> )
Material (wire isolation)	PP
Wire-Ø incl. isolation	1.5 mm ±5% (0.5 mm <sup>2</sup> ); 1.4 mm ±5% (0.25 mm <sup>2</sup> )
Color/numbering of wires	(bl, wh, br, bk) + (gr, pk)
Shield	yes
	min. 80%
Material (jacket)	TPE-S
Outer-Ø (jacket)	7.9 mm ±5%
Color (jacket)	pastel blue
Nominal voltage	300 V AC
Test voltage	3000 V
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. 2 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 <sup>2</sup>
Torsion stress	±180°/m
No. of torsion cycles	max. 4 Mio. (25 °C)
Jacket Color	gray

## Technical Data

Operating voltage	max. 30 V AC/DC
Rated surge voltage	0.8 kV
Operating current per contact	max. 4 A
No. of poles	6
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
Material (contact carrier)	PP, ice blue
Pollution Degree	3
Temperature range	-40...+105 °C, depending on cable quality

**Commercial data**

country of origin	DE
customs tariff number	85444290
EAN	4048879791885
eClass	27061801
Packaging unit	1