

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

TPE-S 3x0.34 bu UL robot+drag ch. 5m

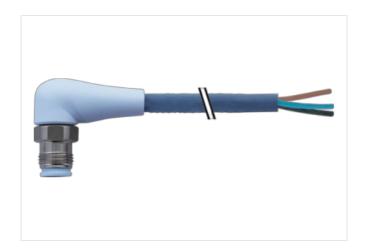
Plug Connectors for Food & Beverage Further cable lengths on request. Male 90° M12 F&B Pro 3-pole Screw, Stainless Steel 1.4404 (V4A) without cable sleeves IP69K

Plastic housings with good resistance against chemicals and oils.

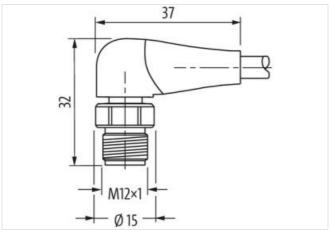
The resistance to aggressive media should be individually tested for your application. Further details on request.

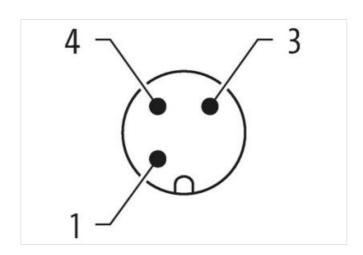
Link to Product

Illustration









Product may differ from Image





stay connected

Side 1 Tightening torque	Cable length	5 m
Mounting method inserted, screwed Coating contact gold plated Family construction form Mf2 Thread M12 x 1 Coding A Material contact Copper alloy No. of poles 3 Width across tlats SW14 Degree of protection (ENIEC 60529) P65, IP68, IP68K Commercial data ECLASS-6.0 27279218 ECLASS-6.0 27279218 ECLASS-7.0 27279218 ECLASS-7.0 27279218 ECLASS-8.0 27279218 ECLASS-9.0 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.1 27060311 ECLASS-1.2 27060311 ECLASS-1.2 27060311 ECLASS-1.2 27060311 ECLASS-1.2 27060311 ECLASS-1.2 27060311	Side 1	
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Commercial data	Side 2	
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ECLASS-9.0 27060311 ECLASS-10.1 27060311 ECLASS-11.1 27060311 ECLASS-12.0 27060311 ETIM-5.0 EC01855 customs tariff number 85444290 GTIN 4048879780077 Packaging unit 1 Electrical data Supply Operating voltage AC max. 250 V Operating voltage DC max. 250 V Operating voltage DC (UL-listed) 30 V Operating voltage NC (UL-listed) Status indication LED Installation Connection Strippin length (jacket) 20 mm Device protection Electrical Additional condition protection degree inserted, screwed Pollution Degree 3 Rated surge voltage 2,5 kV Mechanical data </td <td>ECLASS-7.0</td> <td>27279218</td>	ECLASS-7.0	27279218
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Color contact carrier ice blue Material housing PP	Contour for corrugated hose	without
Material housing PP	Mechanical data Material data	
	Color contact carrier	ice blue
Material contact carrier PP	Material housing	PP
material contact carrier 11	Material contact carrier	PP
Locking material Stainless steel 1.4404 (V4A)	Locking material	Stainless steel 1.4404 (V4A)
Mechanical data Mounting data	Mechanical data Mounting data	



Mounting method inserted, screwed, Shaking protection

Mounting method	inserted, screwed, Snaking protection
Environmental characteristics Climatic	;
Operating temperature min.	-40 °C
Operating temperature max.	105 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
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Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-101 (M12), FDA conform
Installation Cable	
wire arrangement	brown, black, blue
Cable identification	315
Jacket Color	blue
Amount stranding	1
Stranding	3 wires twisted
wire arrangement	brown, black, blue
Cable weigth	24,2 g/m
Material jacket	TPE-S
Shore hardness jacket	47 ± 5 Shore D
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Outer-diameter (jacket)	4,3 mm
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Tolerance outer diameter (sheath)	±5% PP
Material wire insulation	
Amount wires	3
Outer diameter insulation	1,27 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	64 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	42
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	6 A
Electrical resistance line constant wire	58 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	3 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	105 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	105 °C
Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404 Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
No. of bending cycles (C-track)	4 Mio. @ 25 °C
Traversing distance (C-track)	10 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
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The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-06-23



No. of torsion cycles	2 Mio.	
Torsion stress	± 180 °/m	
Torsion speed	35 cvcles/min	