

M12 male 0° A-cod. with cable F&B Pro

TPE-S 4x0.34 bu UL robot+drag ch. 3m

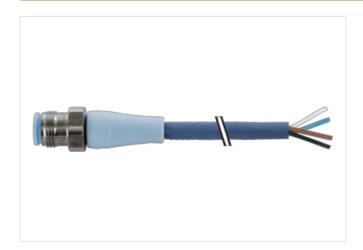
Plug Connectors for Food & Beverage Further cable lengths on request. Male straight M12 F&B Pro 4-pole Screw, Stainless Steel 1.4404 (V4A) without cable sleeves IP69K

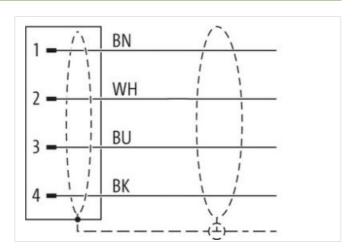
Plastic housings with good resistance against chemicals and oils.

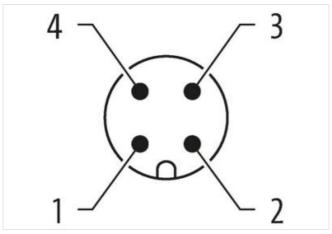
The resistance to aggressive media should be individually tested for your application. Further details on request.

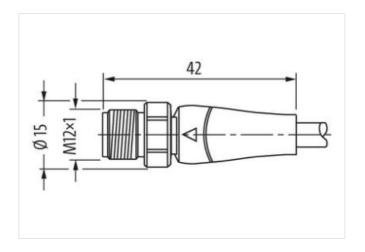
Link to Product

Illustration









Product may differ from Image





stay connected

Counting contract goal plated Family construction form M12 Timedad M12 x 1 Coding A Markerial content Copper alloy No. of polos 4 Wideh across flats SW14 Degree of protection (EN IRC 60529) IPBS, IPBS, IPBS, IPBS, IPBS Side 2 SW14 Scripting langth (gaket) 20 mm Commercial data gold plated Commercial data 22729218 CCLASS-6.0 27279218 CCLASS-7.0 27279218 CCLASS-7.0 27279218 CCLASS-9.0 27090311 CCLASS-9.0 27090311 CCLASS-10.1 27060311 CCLASS-10.2 27060311 CCLASS-10.3 27060311 CCLASS-10.4 27000311 CCLASS-10.8 250 V Coperating voltage AC max. 250 V Coperating voltage AC full-sieded 30 V Coperating voltage AC full-sieded 30 V Coperating voltage AC full-sieded 30 V	Cable length	3 m	
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Thread			
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	Material contact carrier	PP	
Mechanical data Mounting data	Locking material	Stainless steel 1.4404 (V4A)	
	Mechanical data Mounting data		

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: 2024-05-19



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Mounting method	inserted, scre	wed, Shaking protection

Mounting method	inserted, screwed, Shaking 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	
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Note on Strain relief	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be
Note on bending radius	endangered by excessive bending forces.
Conformity	
Product standard	DIN EN 61076-2-101 (M12), FDA conform
Installation Cable	
wire arrangement	brown, black, blue, white
Cable identification	321
Jacket Color	blue
Amount stranding	1
Stranding	4 wires twisted
wire arrangement	brown, black, blue, white
Cable weigth	29,7 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)	4,7 mm
Tolerance outer diameter (sheath)	±5%
Material wire insulation	PP
Amount wires	4
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 mm ²
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	4,8 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 § 1100 FT2 UL 1581 § 1090 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
<u> </u>	

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