

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

TPE-S 3x0.34 bu UL robot+drag ch. 6m

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

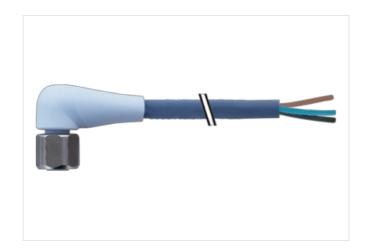
Plastic housings with good resistance against chemicals and oils.

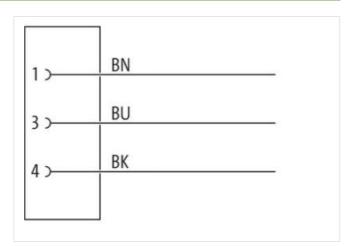
The resistance to aggressive media should be individually tested for your application. Further details on request.

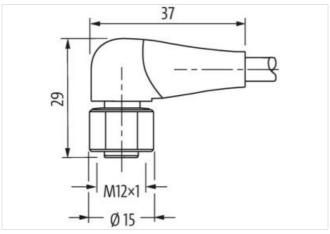
## **Link to Product**

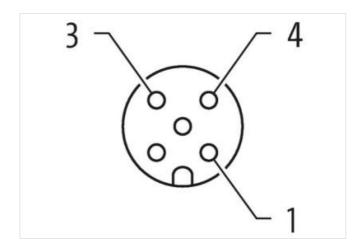
## Illustration

IP69K









Product may differ from Image





stay connected

Cable length	6 m
Side 1	
Tightening torque	0,6 Nm
Mounting method	inserted, screwed
Coating contact	gold plated
Family construction form	M12
Thread	M12 x 1
Coding	A
Material contact	Copper alloy
No. of poles	3
Width across flats	SW14
Degree of protection (EN IEC 60529)	IP65, IP68, IP69K
Side 2	
Stripping length (jacket)	20 mm
Commercial data	
ECLASS-6.0	27279218
ECLASS-6.1	27279218
ECLASS-7.0	27279218
ECLASS-8.0	27279218
ECLASS-9.0	27060311
ECLASS-10.1	27060311
ECLASS-11.1	27060311
ECLASS-12.0	27060311
ETIM-5.0	EC001855
customs tariff number	85444290
GTIN	4065909078723
Packaging unit	1
Electrical data   Supply	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 V
Operating voltage AC (UL-listed)	30 V
Operating voltage DC (UL-listed)	30 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	no
Installation   Connection	
Stripping length (jacket)	20 mm
	20 111111
Device protection   Electrical	
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2,5 kV
Material group (IEC 60664-1)	I
Mechanical data	
Contour for corrugated hose	without
Mechanical data   Material data	
Color contact carrier	ice blue
Material gasket	EPDM
Material housing	PP
Material contact carrier	PP
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: 2024-05-20



stay connected

Mounting method	inserted, scre	wed, Shaking protection

	inserted, solewed, challing 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 bending radius	<b>Attention:</b> 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			
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		
<u> </u>	<del>-</del>		
Outer-diameter (jacket)	4,3 mm		
olerance outer diameter (sheath)	± 5 %		
Material wire insulation	PP		
Amount wires	3		
Outer diameter insulation	1,27 mm		
Outer diameter tolerance core insulation	± 5 %		
Shore hardness wire insulation	64 ± 3 Shore D		
ngredient 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 <sup>2</sup>		
Material conductor wire	Stranded copper wire, bare		
Conductor type (wire)	strand class 6		
raversing distance (C-track)	10 m @ 25 °C   horizontal		
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		
Dil resistance	DIN EN 60811-404   Good, application-related testing		
Bending radius (fixed)	5 x Outer diameter		
Bending radius (dynamic)	10 x Outer diameter		
Fravel speed (C-track)	4 Mio. @ 25 °C		
No. of torsion cycles	2 Mio.		
	=		

## Product-PDF for Article 7024-12321-3150600



Torsion speed

35 cycles/min