

**M12 male recept. A-cod. front F&B Pro**

PUR-wires 5x0.34 0.2m

Art.No.: 7024-13521-9720020

Weight: 0.019 kg

Country of origin: DE

Model designation: MSAFV-U972\_0.2-S24

F&amp;B Pro

Flange male

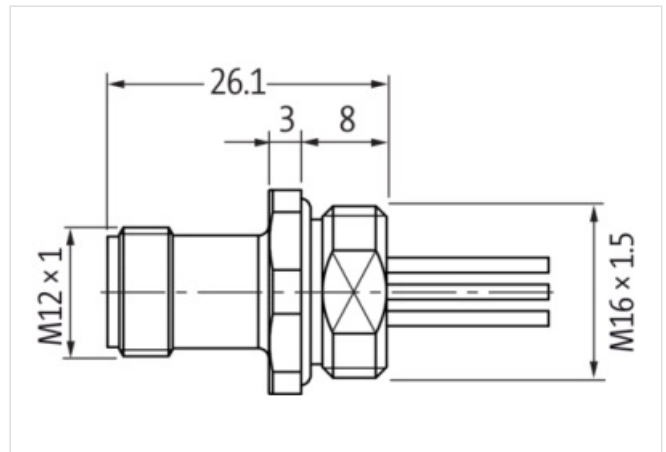
M12, 5-pole

Front mounting

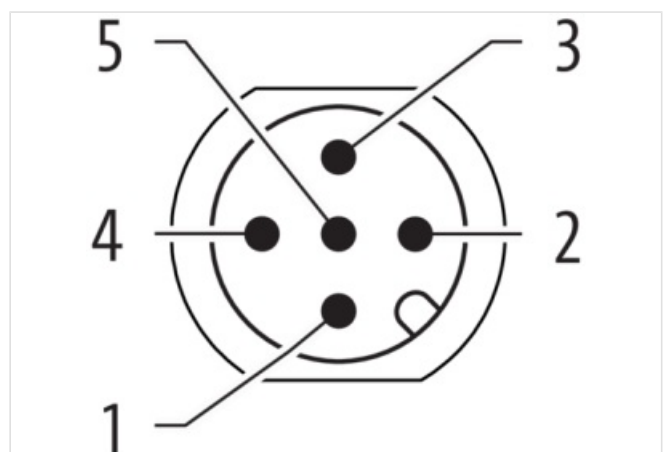
Stainless steel 1.4404 (V4A)

IP69K

Further cable lengths on request.

[Link to Product](#)**Illustration**

1	BN
2	WH
3	BU
4	BK
5	GY





Product may differ from Image



Header	
Material short text	MSAFV-U972_0.2-S24
Cable length	0,20 m
Side 1	
Family construction form	M12
No. of poles	5
Coding	A
Threaded hole	M12 x 1
Tightening torque	0,6 Nm
Width across flats	SW14
Degree of protection (EN IEC 60529)	IP67, IP69K
Commercial data	
URL Webshop	<a href="https://shop.murrelektronik.com/7024-13521-9720020">https://shop.murrelektronik.com/7024-13521-9720020</a>
GTIN	4048879756822
ECLASS-6.0	27279218
ECLASS-6.1	27279220
ECLASS-7.0	27440103
ECLASS-7.1	27440103
ECLASS-8.0	27440103
ECLASS-8.1	27440103
ECLASS-9.0	27440103
ECLASS-9.1	27440109
ECLASS-10.0.1	27440109
ECLASS-10.1	27440103
ECLASS-11.0	27440109
ECLASS-11.1	27440103
ECLASS-12.0	27440103
ECLASS-13.0	27440109
ECLASS-14.0	27440109
ETIM-5.0	EC001855
ETIM-6.0	EC001855
ETIM-7.0	EC001855
ETIM-8.0	EC001855

customs tariff number	85444290
EAN	4048879756822
Packaging unit	1
<b>Electrical data   Supply</b>	
Operating voltage AC max.	125 V
Operating voltage DC max.	125 V
Current operating per contact max.	4 A
<b>Diagnostics</b>	
Status indication LED	No
<b>Installation   Connection</b>	
Mounting set	M16 x 1.5
<b>Device protection   Electrical</b>	
Additional condition protection degree	mounted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
<b>Mechanical data   Material data</b>	
Locking material	Stainless steel 1.4404 (V4A)
<b>Mechanical data   Mounting data</b>	
Mounting method	inserted, screwed, Shaking protection
<b>Environmental characteristics   Climatic</b>	
Operating temperature min.	-30 °C
Operating temperature max.	105 °C
Additional condition temperature range	depending on cable quality
<b>Important installation notes</b>	
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.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
<b>Temperature range   Cable</b>	
Cable identification	972
Wire arrangement	brown, white, blue, black, gray
Cable weight	38 g/m
Material wire insulation	PUR
Amount wires	5
Outer diameter insulation	1,3 mm
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	copper stranded wire, tinned
Conductor type (wire)	Strand class 5
Conductor resistance (wire)	58 Ω/km @ 20 °C
Nominal voltage AC max.	300 V
Withstand voltage (wire - wire)	1.5 kV
Withstand voltage (wire - jacket)	1.5 kV
Operating temperature min. (static)	-40 °C
Operating temperature max. (static)	90 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	90 °C