

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&B Pro

Flange male

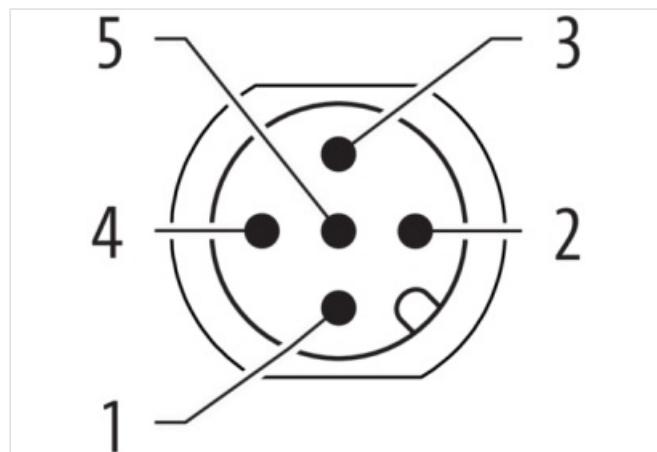
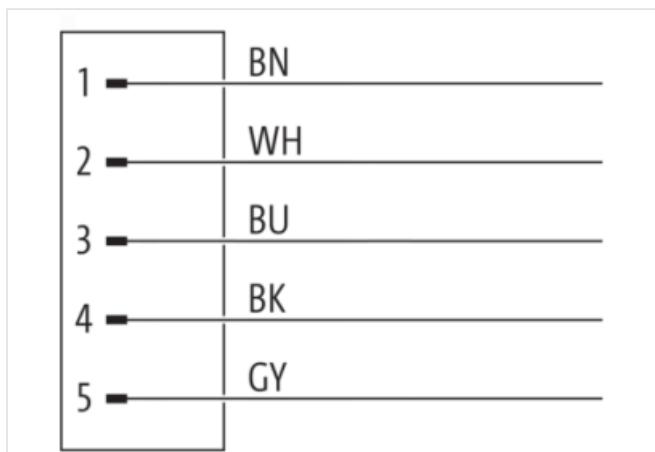
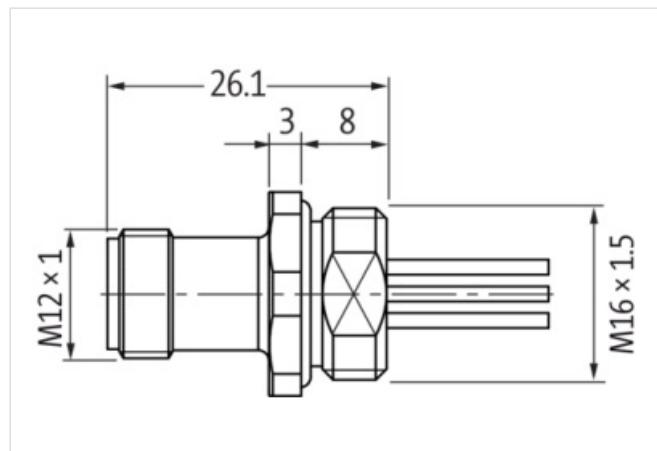
M12, 5-pole

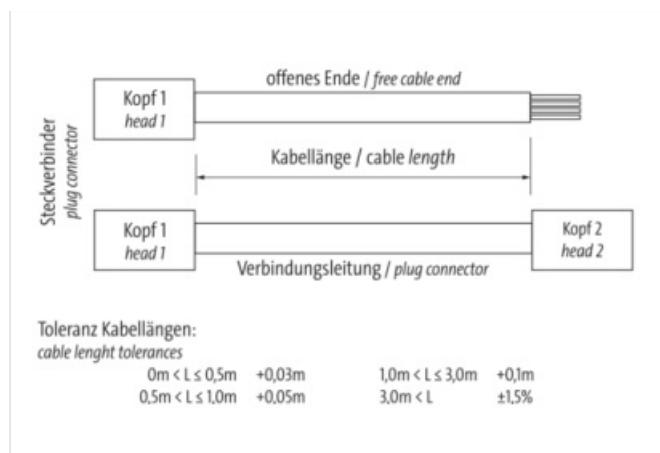
Front mounting

Stainless steel 1.4404 (V4A)

IP69K

Further cable lengths on request.

[Link to Product](#)
Illustration




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 <https://shop.murrelektronik.com/7024-13521-9720020>

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
Electrical data Supply	
Operating voltage AC max.	125 V
Operating voltage DC max.	125 V
Current operating per contact max.	4 A
Diagnostics	
Status indication LED	No
Installation Connection	
Mounting set	M16 x 1.5
Device protection Electrical	
Additional condition protection degree	mounted, screwed
Pollution Degree	3
Rated surge voltage	1,5 kV
Material group (IEC 60664-1)	I
Mechanical data Material data	
Locking material	Stainless steel 1.4404 (V4A)
Mechanical data Mounting data	
Mounting method	inserted, screwed, Shaking protection
Environmental characteristics Climatic	
Operating temperature min.	-30 °C
Operating temperature max.	105 °C
Additional condition temperature range	depending on cable quality
Important installation notes	
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.
Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Temperature range Cable	
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 mm ²
Material conductor wire	copper stranded wire, tinned
Conductor type (wire)	Strand class 5
Conductor resistance (wire)	58 Ω/km @ 20 °C
Nominal voltage 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