

**M12 female recept. A-cod. front V2A**

PUR-wires 4x0.34 1m

Art.No.: 7002-13541-9710100

Weight: 0.047

Country of origin: DE

Model designation: MSBFV-T971\_1.0-S02

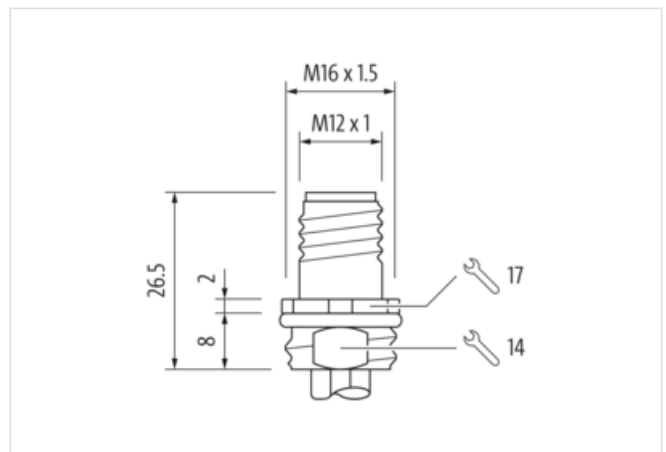
Flange female

M12, 4-pole

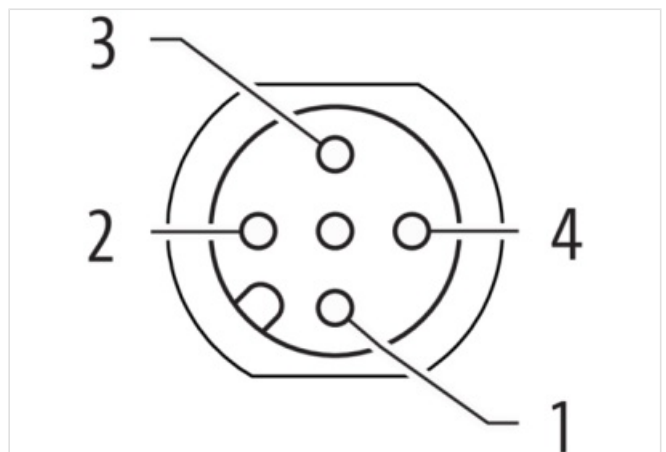
Front mounting

with multi-strand wire

Stainless steel 1.4305 (V2A)

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

1	BN
2	WH
3	BU
4	BK





Product may differ from Image



Header	
Material short text	MSBFV-T971_1.0-S02
Cable length	1,00 m
Side 1	
Family construction form	M12
No. of poles	4
Coding	A
Mounting method	inserted, screwed
Thread	M12 x 1
Tightening torque	0.6 Nm
Material contact	Copper alloy
Coating contact	gold plated
Degree of protection (EN IEC 60529)	IP67
Side 2	
Coating contact	gold plated
Commercial data	
URL Webshop	<a href="https://shop.murrelektronik.com/7002-13541-9710100">https://shop.murrelektronik.com/7002-13541-9710100</a>
GTIN	4048879332675
ECLASS-6.0	27279220
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	4048879332675
Packaging unit	1
<b>Electrical data   Supply</b>	
Operating voltage AC max.	250 V
Operating voltage DC max.	250 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
Width across flats	SW17
<b>Device protection   Electrical</b>	
Protection NEMA	6P, 4, 3
Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	2.5 kV
Material group (IEC 60664-1)	I
<b>Mechanical data</b>	
Contour for corrugated hose	without
<b>Mechanical data   Material data</b>	
Material housing	Stainless steel 1.4305 (V2A)
Locking material	Stainless steel 1.4305 (V2A)
Material gasket	FKM
<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.	85 °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>Conformity</b>	
Product standard	EN IEC 61076-2-101 (M12)
<b>Approvals</b>	
UL 50E	yes
<b>Installation   Cable</b>	
Cable identification	971
Cable weight	33 g/m
Material wire insulation	PUR
Amount wires	4
Outer diameter insulation	1.3 mm
Conductor crosssection (wire)	0.34 mm²
Min. operating temperature (static)	-40 °C

Max. operating temperature (static)	90 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	90 °C
Bending radius (fixed)	5 × Outer diameter