

M12 female recept. A-cod. front incl. nut

PUR-wires 8x0.25 1m

Art.No.: 7000-17182-9730100

Weight: 0.059 kg

Country of origin: DE

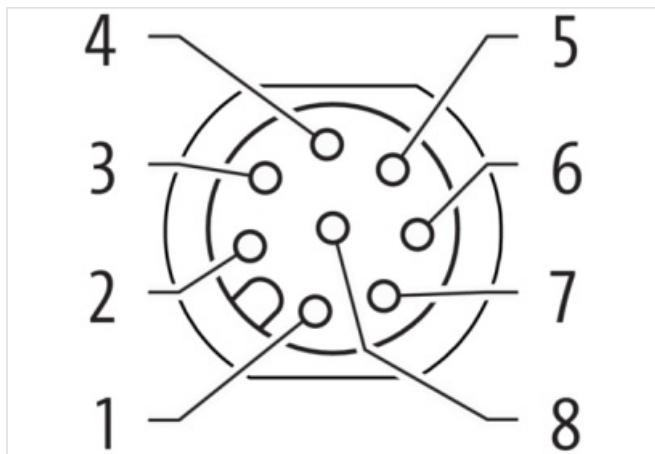
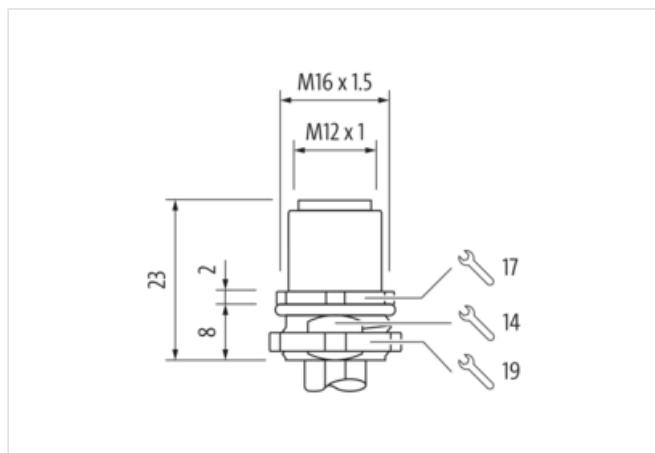
Model designation: MSBFV-08D973_1.0

Flange female

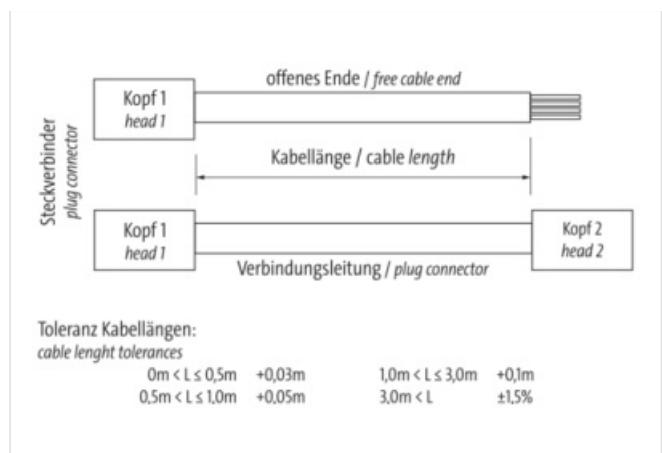
M12, 8-pole

Front mounting

with multi-strand wire

[Link to Product](#)
Illustration


	WH
1	BN
2	GN
3	YE
4	GY
5	PK
6	BU
7	RD
8	



Product may differ from Image



Header

Material short text MSBFV-08D973_1.0

Cable length 1,00 m

Side 1

Family construction form M12
 No. of poles 8
 Coding A
 Mounting method inserted, screwed
 Threaded hole M12 x 1
 Tightening torque 0,6 Nm
 Width across flats SW17
 Material Zinc die-casting
 Material contact Copper alloy
 Coating contact gold plated
 Degree of protection (EN IEC 60529) IP67

Commercial data

URL Webshop <https://shop.murrelektronik.com/7000-17182-9730100>
 GTIN 4048879553827
 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

customs tariff number	85444290
EAN	4048879553827
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	30 V
Operating voltage DC max.	30 V
Current operating per contact max.	2 A
Diagnostics	
Status indication LED	No
Installation Connection	
Mounting set	M16 x 1.5
Width across flats	SW19
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP67
Protection NEMA	6P, 4, 3
Additional condition protection degree	mounted, screwed
Pollution Degree	3
Rated surge voltage	0.8 kV
Material group (IEC 60664-1)	I
Mechanical data	
Contour for corrugated hose	without
Mechanical data Material data	
Material housing	Zinc die-casting
Material screw connection	Zinc die-casting
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Coating locking	Nickelated
Material gasket	FKM
Mechanical data Mounting data	
Mounting method	Schraubgewinde
Looking techniques	Schraubgewinde
Environmental characteristics Climatic	
Operating temperature min.	-30 °C
Operating temperature max.	85 °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.
Conformity	
Product standard	EN IEC 61076-2-101 (M12)
Approvals	
UL 50E	Yes
Installation Cable	
Cable identification	973
Cable weight	48 g/m
Material wire insulation	PUR
Amount wires	8
Outer diameter insulation	1,25 mm

Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm ²
Conductor type (wire)	strand class 6
Operating temperature min. (static)	-40 °C
Operating temperature max. (static)	90 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	90 °C
Bending radius (fixed)	10 × Outer diameter