

stay connected

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

PUR-wires 8x0.25 1m

Art.No.: 7000-17182-9730100

Weight: 0.059 Country of origin: DE

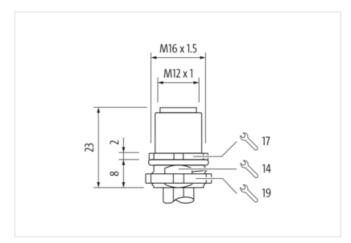
Model designation: MSBFV-08D973_1.0

Flange female M12, 8-pole Front mounting with multi-strand wire

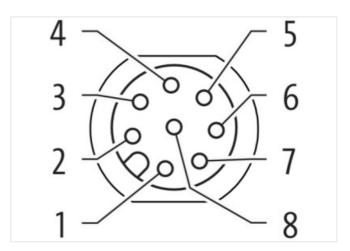
Link to Product

Illustration



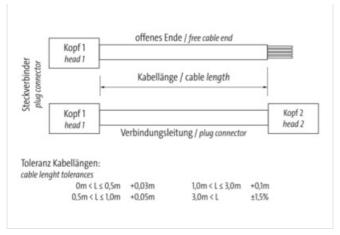


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2 2	BN	
2 2	GN	
1 2	YE	
4)	GY	
6.5	PK	
7.	BU	
1)	RD	
8)	j	





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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
Thread	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
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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: 2025-11-03



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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
	110
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	Nickeled
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
Wire arrangement	white, brown, green, yellow, gray, pink, blue, red
Cable weigth	48 g/m
Material wire insulation Amount wires	PUR 8
	8 1.25 mm
Outer diameter insulation	וווווו

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Amount strands (wire)	32
Diameter of single wires	0.1 mm
Conductor crosssection (wire)	0.25 mm ²
Conductor type (wire)	strand class 6
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)	10 × Outer diameter