

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

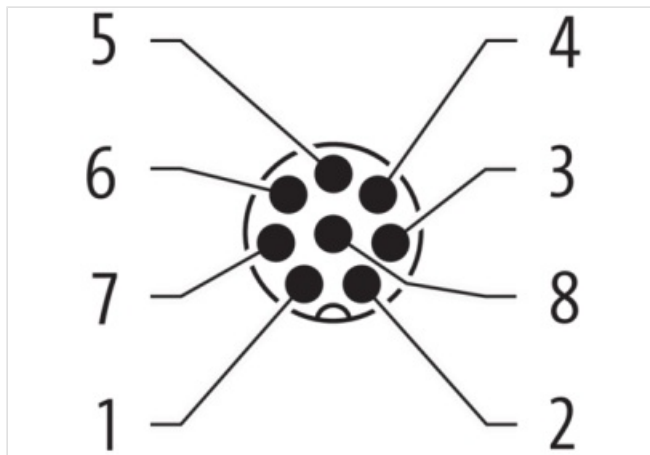
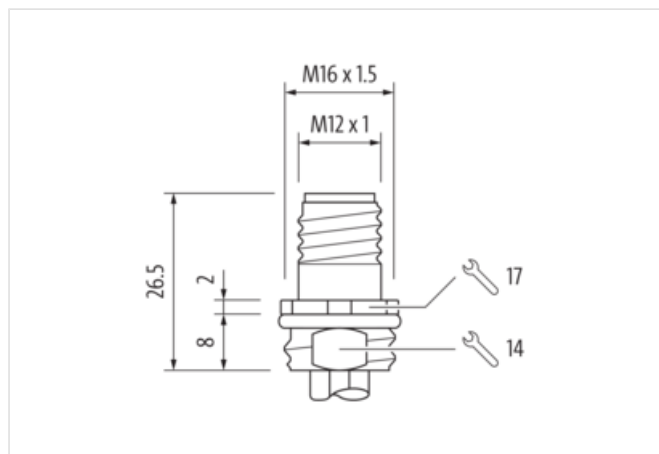
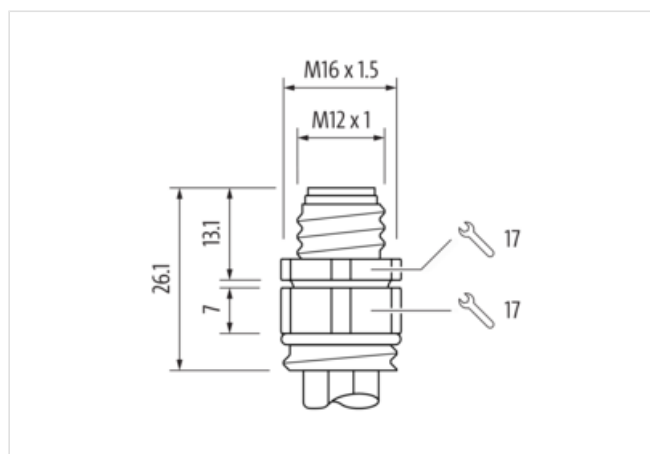
PUR-wires 8x0.25 0.5m

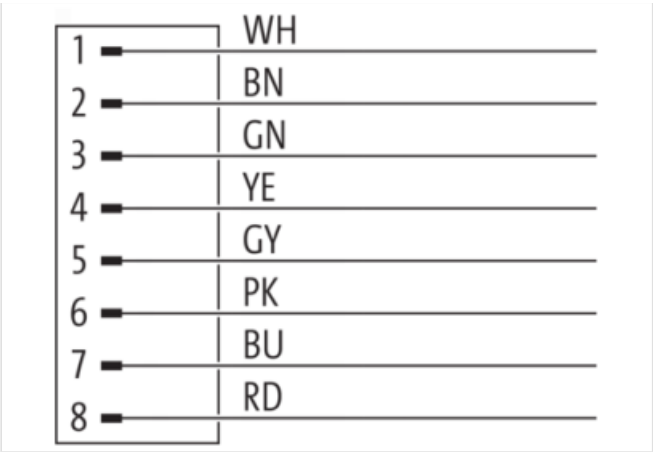
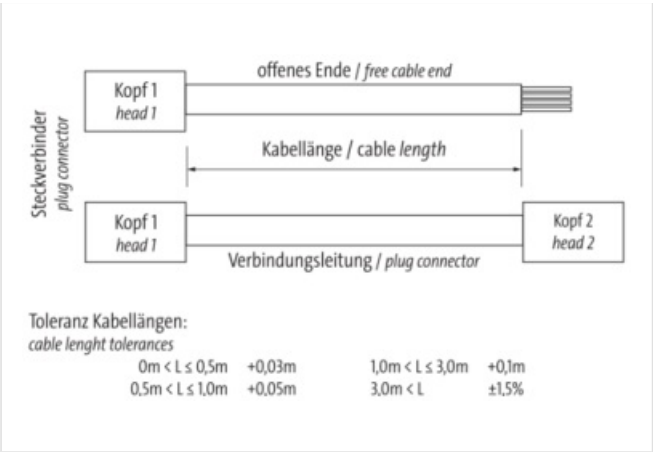
Art.No.: 7000-17162-9730050

Weight: 0.035

Country of origin: DE

Model designation: MSAFV-08D973_0.5

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



Product may differ from Image



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	SW14
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/7000-17162-9730050
EAN	4048879553681
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	inserted, 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
Coating housing	nickel plated
Material screw connection	Zinc die-casting
Coating of fitting	nickel plated
Locking material	Zinc die-casting
Coating locking	Nickeled

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	DIN EN 61076-2-101 (M12)
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Approvals

UL 50E	yes
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Installation | Cable

Wire arrangement	white, brown, green, yellow, gray, pink, blue, red
Cable weight	52.8 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 mm²
Conductor type (wire)	strand class 6
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	90 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	90 °C
Bending radius (fixed)	10 × Outer diameter