MURR ELEKTRONIK
stay connected

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

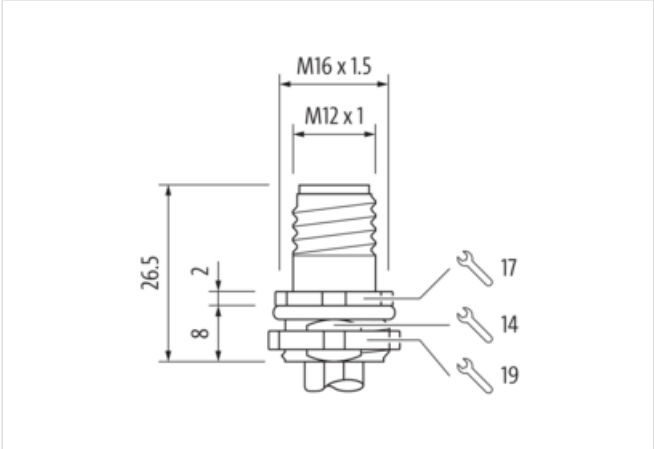
PUR-wires 5x0.34 0.5m

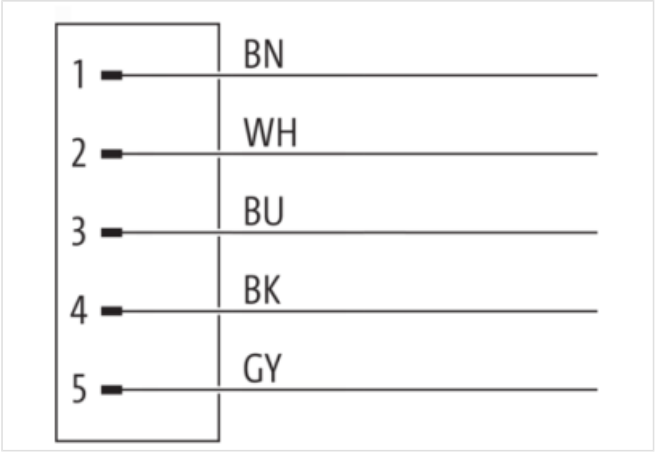
Art.No.: 7000-13522-9720050
Weight: 0.029
Country of origin: DE
Model designation: MSAFV-U972_0.5

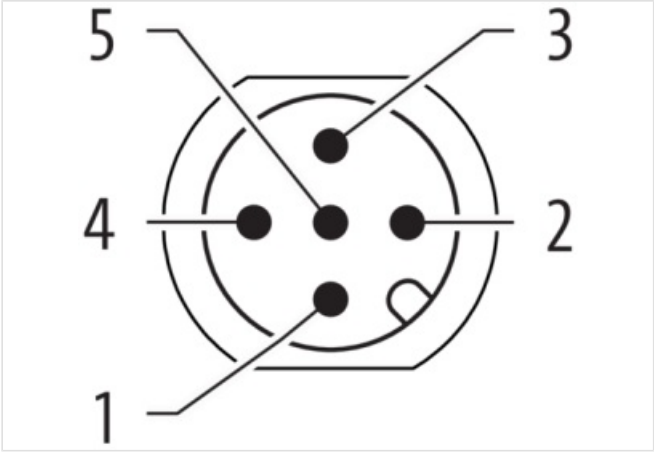
Flange male
M12, 5-pole
Front mounting
with multi-strand wire

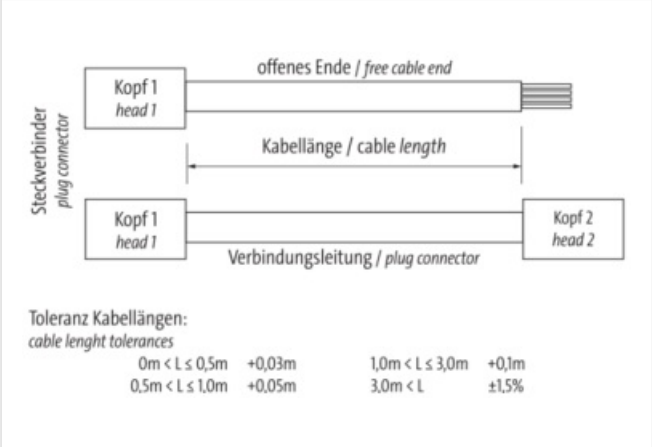
Link to Product

Illustration









Product may differ from Image

Header	
Cable length	0,50 m
Side 1	
Family construction form	M12
No. of poles	5
Coding	A
Mounting method	inserted, screwed
Thread	M12 x 1
Tightening torque	0.6 Nm
Material	Zinc die-casting
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	https://shop.murrelektronik.com/7000-13522-9720050
customs tariff number	85444290
EAN	4048879494212
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
Width across flats	SW19
Device protection | Electrical	
Protection NEMA	6P, 4, 3

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Additional condition protection degree	inserted, screwed
Pollution Degree	3
Rated surge voltage	1.5 kV
Material group (IEC 60664-1)	I
Mechanical data	
Contour for corrugated hose	without
Mechanical data | Material data	
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	EN IEC 61076-2-101 (M12)
Approvals	
UL 50E	yes
Temperature range | Cable	
Cable identification	972
Wire arrangement	brown, white, blue, black, gray
Cable weigth	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 mm²
Material conductor wire	copper stranded wire, tinned
Conductor type (wire)	Strand class 5
Conductor resistance (wire)	58 Ω/km @ 20 °C
Nominal voltage AC max.	300 V
Withstand voltage (wire - wire)	1.5 kV
Withstand voltage (wire - jacket)	1.5 kV
Min. operating temperature (static)	-40 °C
Max. operating temperature (static)	90 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	90 °C