

M12 male recept. A-cod. rear

PUR-wires 5x0.34 0.5m

Art.No.: 7000-13525-9720050

Weight: 0.026 kg

Country of origin: DE

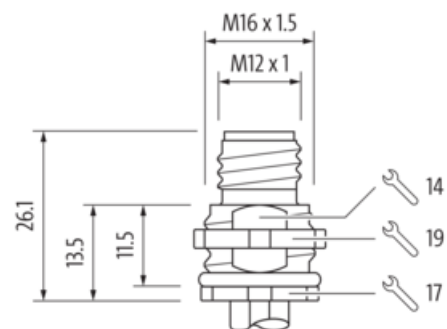
Model designation: MSAFH-U972_0.5

Flange male

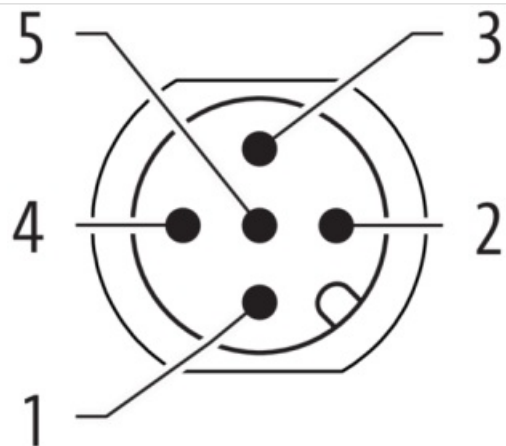
M12, 5-pole

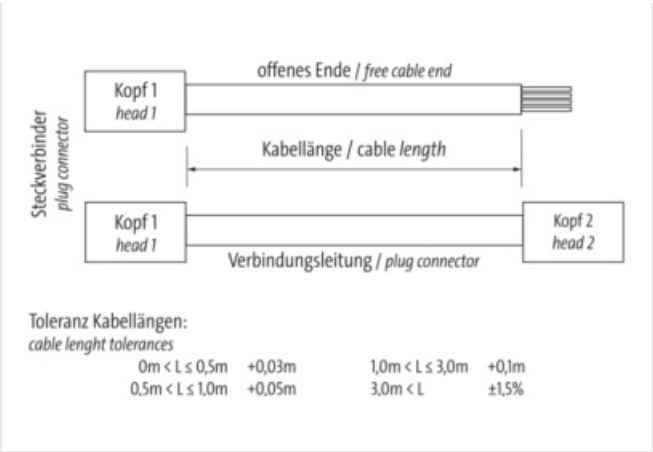
Rear mounting

with multi-strand wire

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

1	BN
2	WH
3	BU
4	BK
5	GY





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
Threaded hole	M12 x 1
Tightening torque	0,6 Nm
Material	Brass
Material contact	Copper alloy
Coating contact	gold plated
Degree of protection (EN IEC 60529)	IP67
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7000-13525-9720050
customs tariff number	85444290
EAN	4048879331418
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
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 Brass

Coating of fitting nickel plated

Locking material Brass

Coating locking nickel plated

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

Temperature range | Cable

Cable identification 972

Wire arrangement brown, white, blue, black, gray

Cable weight 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 max. 300 V

Withstand voltage (wire - wire) 1.5 kV

Withstand voltage (wire - jacket) 1.5 kV

Operating temperature min. (static) -40 °C

Operating temperature max. (static) 90 °C

Operating temperature min. (dynamic) -25 °C

Operating temperature max. (dynamic) 90 °C