

**M12 male recept. A-cod. rear**

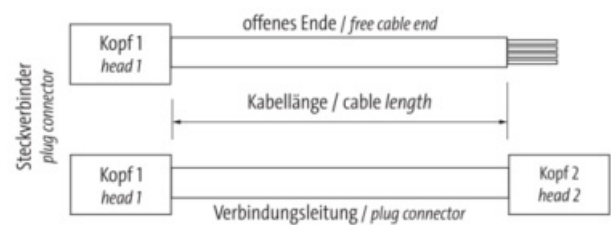
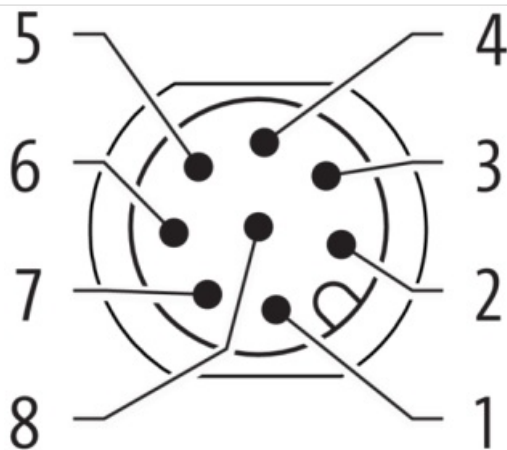
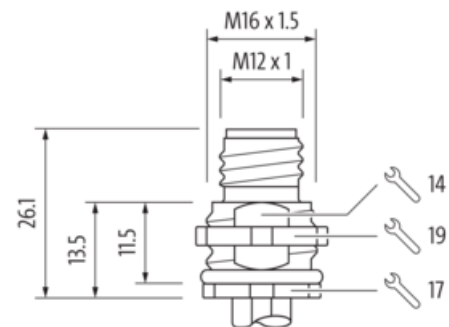
PUR-wires 8x0.25 0.2m

Art.No.: 7000-17165-9730020

Weight: 0.018

Country of origin: DE

Model designation: MSAFH-08D973\_0.2

**[Link to Product](#)****Illustration**Toleranz Kabellängen:  
cable length tolerances

0m < L ≤ 0,5m	+0,03m	1,0m < L ≤ 3,0m	+0,1m
0,5m < L ≤ 1,0m	+0,05m	3,0m < L	±1,5%

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

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	Brass
Material contact	Copper alloy
Coating contact	gold plated
Degree of protection (EN IEC 60529)	IP67

**Commercial data**

URL Webshop	<a href="https://shop.murrelektronik.com/7000-17165-9730020">https://shop.murrelektronik.com/7000-17165-9730020</a>
EAN	4048879331791

**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	Brass
Coating of fitting	nickel plated
Locking material	Brass
Coating locking	nickel plated

#### 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	<b>Attention:</b> 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)
------------------	--------------------------

#### Approvals

UL 50E	yes
--------	-----

#### 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