

M12 male recept. A-cod. rear

PUR-wires 8x0.25 0.5m

Art.No.: 7000-17165-9730050

Weight: 0.034 kg

Country of origin: DE

Model designation: MSAFH-08D973_0.5

Flange male

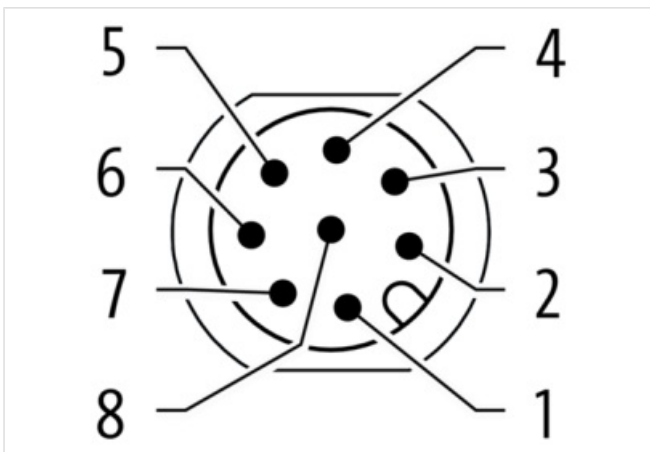
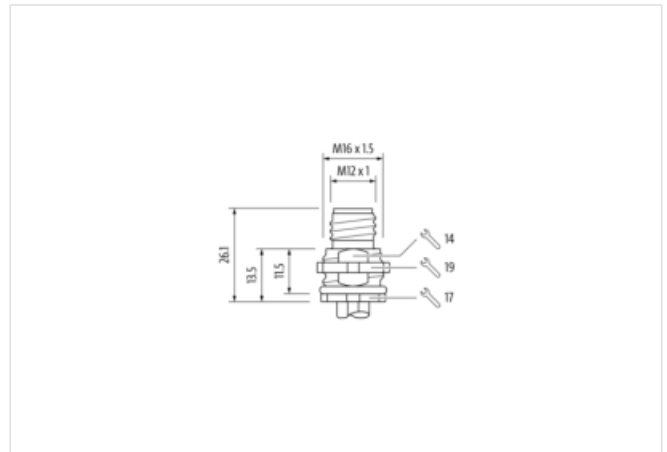
M12, 8-pole

Rear mounting

with multi-strand wire

[Link to Product](#)

Illustration



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



Product may differ from Image



Cable length 0,50 m

Side 1

Family construction form	M12
No. of poles	8
Coding	A
Gender	male
Mounting method	inserted, screwed
Threaded hole	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	https://shop.murrelektronik.com/7000-17165-9730050
Customs tariff number	85444290
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EAN	4048879331906
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
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Installation | Connection

Mounting set	M16 x 1,5
Width across flats	SW19

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP67
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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
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Mechanical data | Material data

housing	Zinc die-casting
Coating housing	nickel plated
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	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)
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Approvals

UL 50E	Yes
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Installation | Cable

Cable identification	973
Cable weight	48 g/m
Wire arrangement	WH, BN, GN, YE, GY, PK, BU, RD
Material wire insulation	PUR
Amount wires	8
Outer diameter insulation	1.25 mm
Conductor crosssection (wire)	0,25 mm ²
Core construction (wire)	32 × 0.1 mm
Operating temperature (static)	-40 °C ... 90 °C
Operating temperature (dynamic)	-25 °C ... 90 °C
Bending radius (fixed)	10 × Outer diameter