

M12 male recept. Y-cod. rear

PP-wires AWG20/26 0.2m

Art.No.: 7000-15605-9420020

Weight: 0.028

Country of origin: DE

Model designation: MSYAFH-08D942_0.2

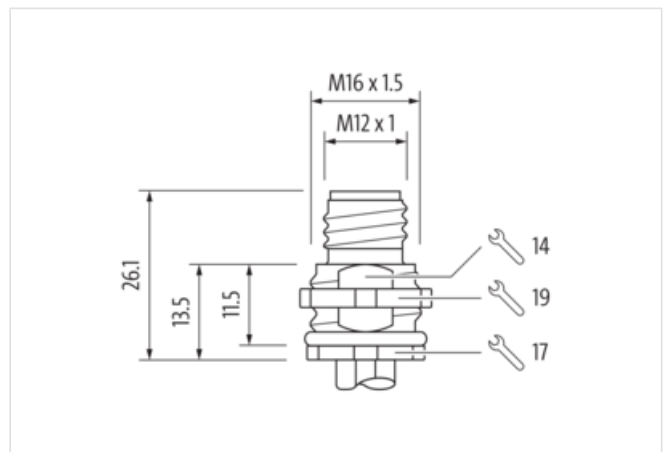
Flange male

M12, 8-pole

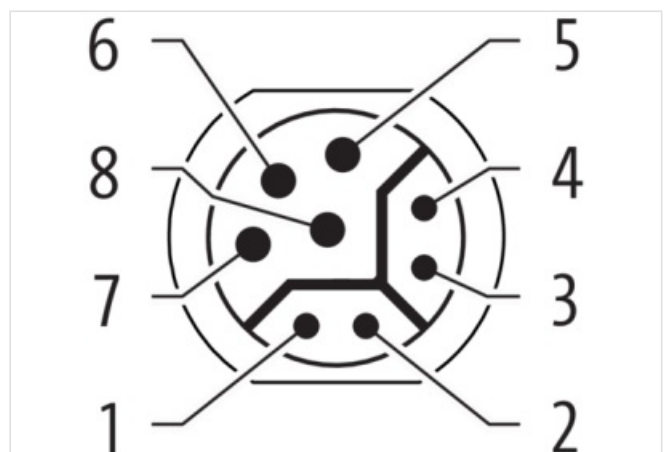
Y-coded

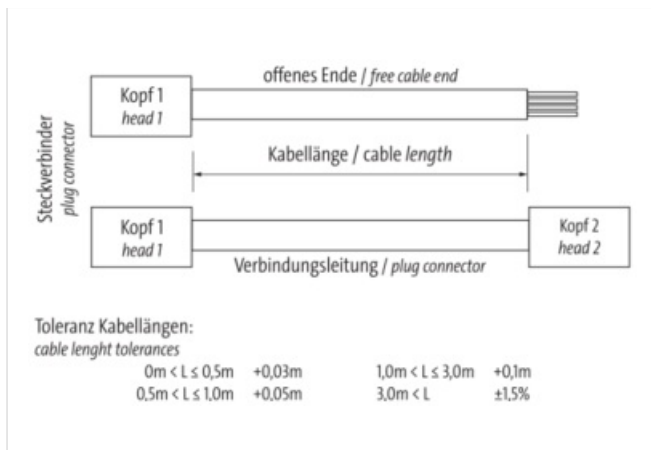
Rear mounting

with multi-strand wire

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

1	OG WH
2	OG
3	GN WH
4	GN
5	BU
6	WH
7	BN
8	BK





Product may differ from Image

**Header**

Cable length 0,20 m

Side 1

Family construction form	M12
No. of poles	8
Coding	Y
Mounting method	inserted, screwed
Thread	M12 x 1
Tightening torque	0.6 Nm
Material	Brass
Coating head	nickel plated
Material contact	Copper alloy
Coating contact	gold plated
Degree of protection (EN IEC 60529)	IP67

Commercial data

URL Webshop	https://shop.murrelektronik.com/7000-15605-9420020
customs tariff number	85444290
EAN	4048879785006
Packaging unit	1

Electrical data | Supply

Operating voltage AC max.	50 V
Operating voltage DC max.	50 V
Operating current per data contact max.	0.5 A
Operating current per power contact max.	6 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

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

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	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	942
Wire arrangement	(Black, brown, white, blue), (orange-white, orange, green-white, green)
Cable weight	38.8 g/m
Material wire insulation	PP
Amount wires	4
Amount strands (wire)	19
Conductor crosssection (wire)	20 AWG
Amount wires (type 2)	4
Amount strands wire (type 2)	19
Conductor crosssection wire (type 2)	26 AWG
Min. operating temperature (static)	-50 °C
Max. operating temperature (static)	80 °C
Operating temperature min. (dynamic)	-40 °C
Operating temperature max. (dynamic)	80 °C
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter
No. of bending cycles (C-track)	5 Mio.
No. of torsion cycles	2 Mio.
Torsion stress	30 °C