

M12 female recept. Y-cod. rear

PP-wires AWG20/26 0.2m

Art.No.: 7000-15625-9420020

Weight: 0.037 kg

Country of origin: DE

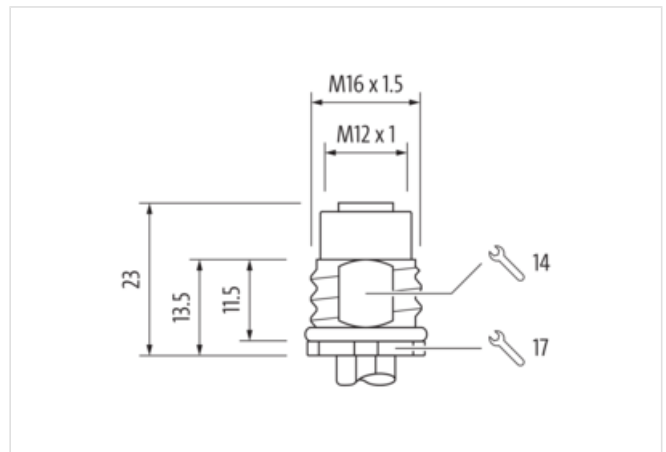
Model designation: MSYBFH-08D942_0.2

Flange female

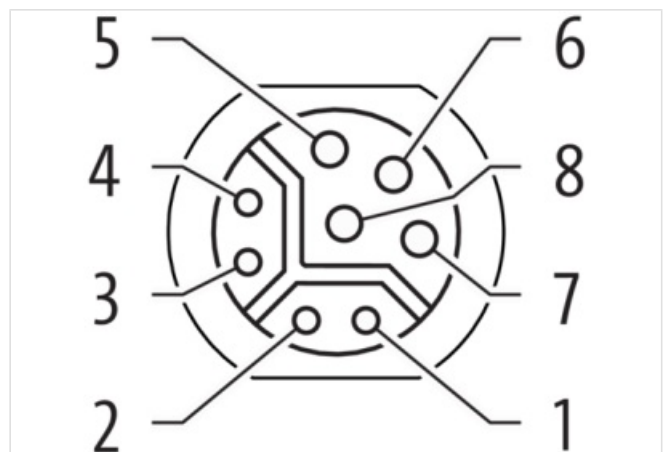
M12, 8-pole

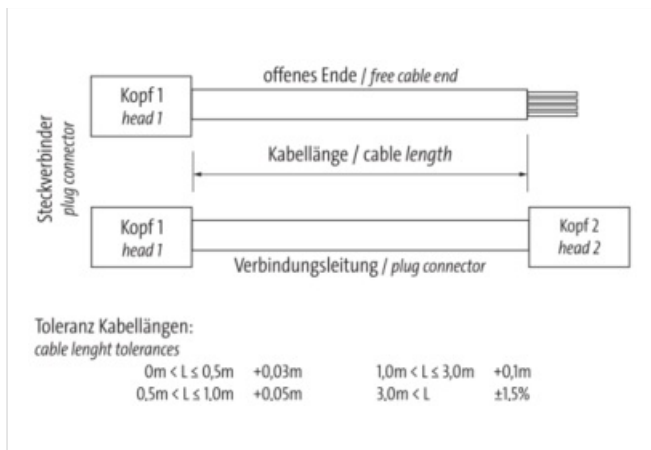
Rear mounting

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

**Side 1**

| | |
|-------------------------------------|-------------------|
| Family construction form | M12 |
| No. of poles | 8 |
| Coding | Y |
| Mounting method | inserted, screwed |
| Threaded hole | 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/7000-15625-9420020 |
| customs tariff number | 85444290 |
| EAN | 4048879710763 |
| 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 signal contact max. | 6 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 | 0.8 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

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

Operating temperature min. (static) -50 °C

Operating temperature max. (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