

M8 male recept. A-cod. front incl. nut

PUR-wires 3x0.25 1m

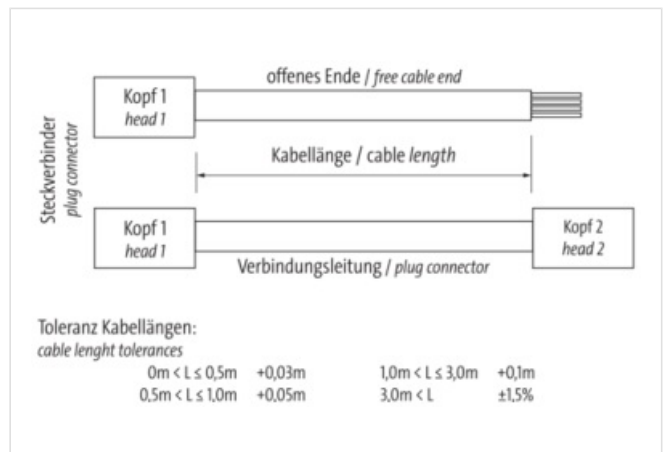
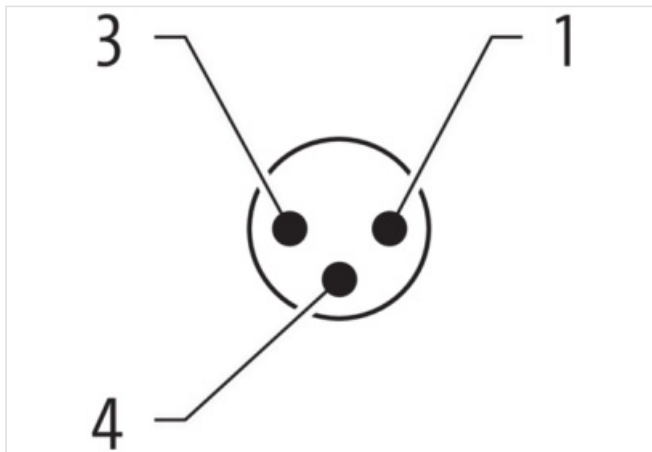
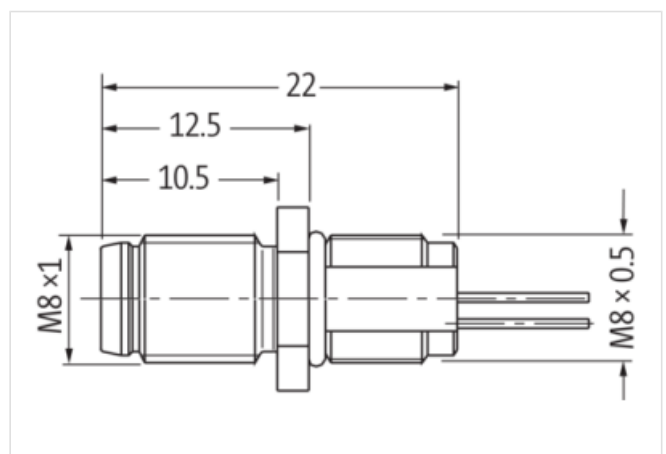
Art.No.: 7000-08553-9700100

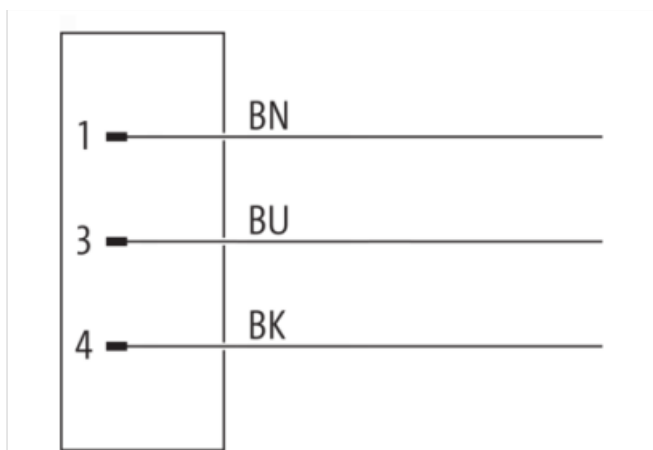
Weight: 0.034

Country of origin: DE

Model designation: MSHFV-R970_1.0

Flange M8 male
with multi-strand wire
3-pole

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



Product may differ from Image

**Header**

Material short text	MSHFV-R970_1.0
Cable length	1.0 m

Side 1

Family construction form	M8
No. of poles	3
Coding	A
Mounting method	inserted, screwed
Thread	M8 x 1
Tightening torque	0.4 Nm
Width across flats	SW10
Material	Brass
Degree of protection (EN IEC 60529)	IP67

Commercial data

URL Webshop	https://shop.murrelektronik.com/7000-08553-9700100
GTIN	4048879508117
ECLASS-6.0	27279220
ECLASS-6.1	27279220
ECLASS-7.0	27440103
ECLASS-7.1	27440103
ECLASS-8.0	27440103
ECLASS-8.1	27440103
ECLASS-9.0	27440103
ECLASS-9.1	27440109
ECLASS-10.0.1	27440109
ECLASS-10.1	27440103
ECLASS-11.0	27440109
ECLASS-11.1	27440103
ECLASS-12.0	27440103
ECLASS-13.0	27440109
ECLASS-14.0	27440109
ETIM-5.0	EC001855
ETIM-6.0	EC001855

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2025-09-17

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ETIM-7.0	EC001855
ETIM-8.0	EC001855
customs tariff number	85444290
EAN	4048879508117
Packaging unit	1

Electrical data | Supply

Operating voltage AC max.	50 V
Operating voltage DC max.	60 V
Current operating per contact max.	4 A

Diagnostics

Status indication LED	no
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Installation | Connection

Mounting set	M8 x 1
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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	1.5 kV
Material group (IEC 60664-1)	I

Mechanical data | Material data

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.

Approvals

UL 50E	yes
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Installation | Cable

Cable identification	970
Wire arrangement	brown, black, blue
Material wire insulation	PP
Amount wires	3
Outer diameter insulation	1.25 mm
Conductor crosssection (wire)	0.25 mm²
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)	5 × Outer diameter