

SAIL-M8GM8SG-4S50UIE**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



The most reliable way of achieving connections between two I/O slaves or between the control and one I/O subscriber is by way of pre-assembled cables. The line of cables covers PROFIBUS, CANopen, DeviceNet™, EtherCAT and Ethernet.

General ordering data

Version	Bus line, Connecting line, M8 / M8, Number of poles: 4, 50 m, Male, straight - male, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	1160935000
Type	SAIL-M8GM8SG-4S50UIE
GTIN (EAN)	4032248976676
Qty.	1 items

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Technical data**Approvals**

Approvals



ROHS

Conform

Dimensions and weights

Net weight

13 19.12 g

Environmental Product Compliance

RoHS Compliance Status

Compliant with exemption

RoHS Exemption (if applicable/known)

6c

REACH SVHC

Lead 7439-92-1

SCIP

e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

Technical specifications for cable

Cable length

50 m

Suitable for cable carriers

Yes

Shielded

Yes

Insulation

PP

Bending radius, min., moving

7.5 x cable diameter

Bending cycles

5 Mio

Sheath material

PUR

Outer cladding in accordance with UL AWM style

20963 (80 °C / 30 V)

Irradiation crosslinked

No

Colour coding

blue, orange, white / blue, white / orange

Resistant to welding beads

No

Outside diameter

4.8 mm ± 0.3 mm

Sheathing colour

green

Core cross-section

0.15 mm²

Halogen

No

Acceleration

5 m/s²

Bending radius, min., stationary

4 x cable diameter

Speed

180 m/s

Configurable cable length

No

Hybrid cable

No

Welding spark resistance

No

Temperature range, stationary

-40...80 °C

Number of poles

4

General technical data

Coding

none

Contact surface

Gold-plated

Version

Male, straight - male, straight

Nominal voltage

30 V

Protection degree

IP67

Pollution severity

3

Threaded ring material

Brass, nickel-plated

Tightening torque

M8: 0.5 - 0.6 Nm

Connection thread

M8 / M8

LED

No

Housing main material

PUR

Nominal current

4 A

Plugging cycles

≥ 100

jumpered

No

Temperature range of housing

-25...+80 °C

Electrical properties

Nominal voltage

30 V

Plug, left

Plug left

M8, IP67, male contact, straight, Plastic, shielded

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www.weidmueller.com**Technical data****Plug, right**

Plug right	M8, IP67, male contact, straight, Plastic, shielded
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Classifications

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	EC002599	ECLASS 9.0	27-06-03-08
ECLASS 9.1	27-06-03-08	ECLASS 10.0	27-06-03-08
ECLASS 11.0	27-06-03-08	ECLASS 12.0	27-06-03-08
ECLASS 13.0	27-06-03-08	ECLASS 14.0	27-06-03-08
ECLASS 15.0	27-06-03-08		

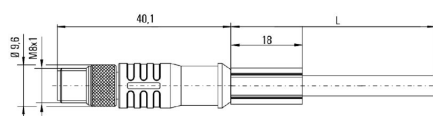
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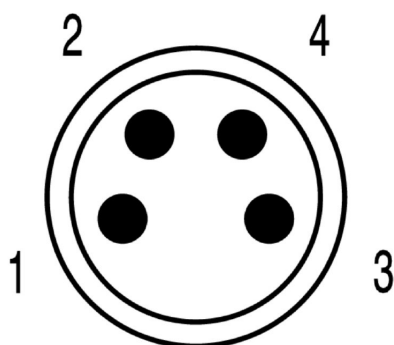
Drawings

Dimensioned drawing



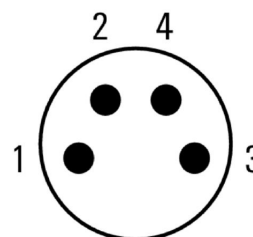
Dimensioned drawing

Pole scheme



Male

Pole scheme



Male connector

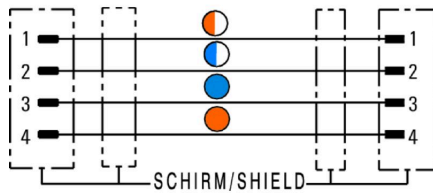
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Drawings

Wiring diagram



The ideal tool: Screwty® with torque function

Light, securely screwed-in round plug-in connectors. Screwty set DM / VPE: 1 / Order No.: 1920000000 Adapters: M12, M12 F, M8, M8 F