

## SAIL-M8GM8SG-4S50UIE

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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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

Type	SAIL-M8GM8SG-4S50UIE
Order No.	<a href="#">1160935000</a>
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
GTIN (EAN)	4032248976676
Qty.	1 pc(s).

Creation date May 2, 2020 9:13:51 AM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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**Technical data****Dimensions and weights**

Net weight 1,600 g

**Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

**Technical specifications for cable**

Number of poles	4	Core cross-section	0.15 mm <sup>2</sup>
Outside diameter	4.8 mm ± 0.3 mm	Cable length	50 m
Shielded	Yes	Insulation	PP
Colour coding	blue, orange, white / blue, white / orange	Sheath material	PUR
Sheathing colour	green	Halogen	No
Temperature range, stationary	-40...80 °C	Outer cladding in accordance with UL AWM style	20963 (80 °C / 30 V)
Suitable for cable carriers	Yes	Bending radius, min., stationary	4 x cable diameter
Bending radius, min., moving	7.5 x cable diameter	Acceleration	5 m/s <sup>2</sup>
Speed	180 m/min	Bending cycles	5 Mio
Resistant to welding beads	No	Hybrid cable	No
Irradiation crosslinked	No	Configurable cable length	No

**General technical data**

Version	Male, straight - male, straight	Connection thread	M8 / M8
Housing main material	PUR	Threaded ring material	Brass, nickel-plated
Coding	none	Protection degree	IP67
Contact surface	Gold-plated	LED	No
Rated voltage	30 V	Rated current	4 A
Insulation strength	10 <sup>8</sup> Ω	Temperature range of housing	-25...+80 °C
Tightening torque	M8: 0.5 - 0.6 Nm	Plugging cycles	≥ 100
Pollution severity	3	jumpered	No

**Classifications**

ETIM 6.0	EC002599	ETIM 7.0	EC002599
eClass 9.0	27-06-03-08	eClass 9.1	27-06-03-08
eClass 10.0	27-06-03-08		

**Approvals**

Approvals



ROHS Conform

**Downloads**

Brochure/Catalogue	<a href="#">CAT 8 SAI 15/16 EN</a> <a href="#">FL FIELDWIRING EN</a>
Engineering Data	<a href="#">EPLAN.WSCAD</a>

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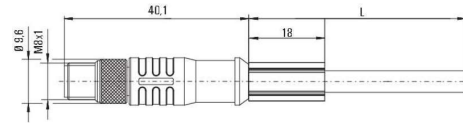
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**Drawings**

**Dimensioned drawing**

**Dimensioned drawing**

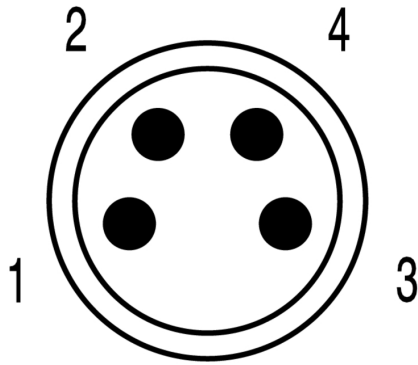


Male, straight

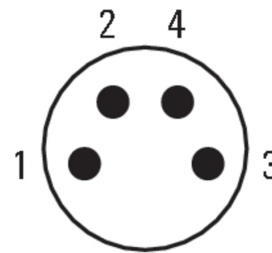
Male, straight

**Pole scheme**

**Pole scheme**



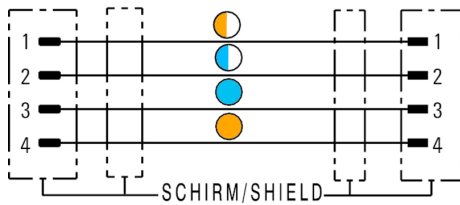
Pin



Male connector

**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