

SAIL-M12GM8SG-4S4.9UIE

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, M12 / M8, Number of poles: 4, 4.9 m, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	1296790490
Type	SAIL-M12GM8SG-4S4.9UIE
GTIN (EAN)	4050118626452
Qty.	1 pc(s).

Creation date April 15, 2021 1:25:27 PM CEST

Catalogue status 09.04.2021 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Net weight 176 g

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Technical specifications for cable

Acceleration	5 m/s ²	Bending cycles	5 Mio
Bending radius, min., moving	7.5 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Cable length	4.9 m	Colour coding	blue, orange, white / blue, white / orange
Configurable cable length	No	Core cross-section	0.15 mm ²
Halogen	No	Hybrid cable	No
Insulation	PP	Irradiation crosslinked	No
Number of poles	4	Outer cladding in accordance with UL AWM style	20963 (80 °C / 30 V)
Outside diameter	4.8 mm ± 0.3 mm	Resistant to welding beads	No
Sheath material	PUR	Sheathing colour	green
Shielded	Yes	Speed	180 m/min
Suitable for cable carriers	Yes	Temperature range, stationary	-40...80 °C

General technical data

Connection thread	M12 / M8	Contact surface	Gold-plated
Housing main material	PUR	Insulation strength	10 ⁸ Ω
LED	No	Plugging cycles	≥ 100
Pollution severity	3	Protection degree	IP67
Rated current	4 A	Temperature range of housing	-25...+80 °C
Threaded ring material	Brass, nickel-plated	jumpered	No

Electrical propertiesInsulation strength 10⁸ Ω**Cable structure**

Colour coding	blue, orange, white / blue, white / orange	Insulation	PP
Sheathing colour	green		

Electrical properties of cable

Insulation strength	10 ⁸ Ω	Rated current	4 A
Speed	180 m/min		

Mechanical and material properties of cable

Acceleration	5 m/s ²	Bending cycles	5 Mio
Halogen	No	Speed	180 m/min

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Technical data**Plug, right**

Contact surface	Gold-plated	Housing main material	PUR
Plugging cycles	≥ 100		

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	ECLASS 11.0	27-06-03-08

Approvals

ROHS	Conform
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Downloads

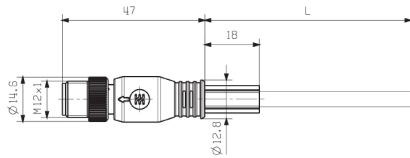
Brochure/Catalogue	Catalogues in PDF-format
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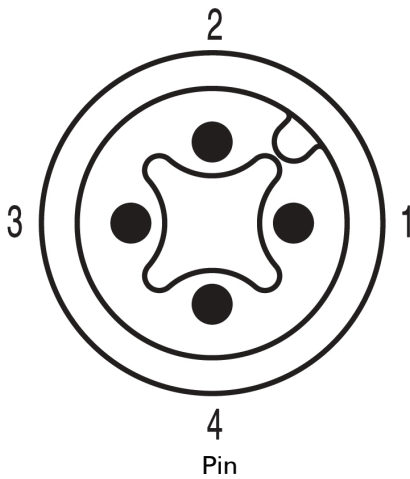
Drawings

Dimensioned drawing

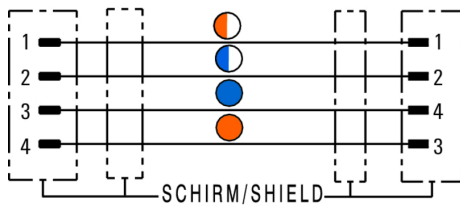


Male, straight

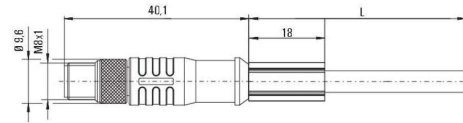
Pole scheme



Wiring diagram

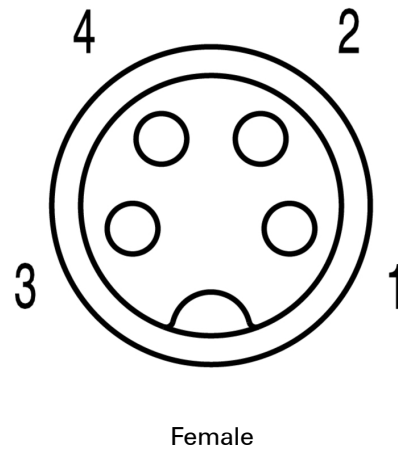


Dimensioned drawing



Male, straight

Pole scheme



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