

SAIL-M8GM8G-4S1.0UIE

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

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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-M8GM8G-4S1.0UIE
Order No.	1296770100
Version	Bus line, Connecting line, M8 / M8, No. of poles: 4, 1 m, pin, straight - socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4050118111040
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight 42 g

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Technical specifications for cable

Number of poles	4	Core cross-section	0.15 mm ²
Outside diameter	4.8 ± 0.3 mm	Cable length	1 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 ²
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	pin, straight - socket, 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 ⁸ 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	eClass 6.2	27-06-91-90
eClass 7.1	27-06-91-90	eClass 8.1	27-06-91-90
eClass 9.0	27-06-03-08	eClass 9.1	27-06-03-08

Approvals

Approvals



ROHS Conform

Downloads

Brochure/Catalogue [FL FIELDWIRING EN](#)
 Engineering Data [EPLAN, WSCAD](#)

Creation date May 27, 2019 10:36:58 PM CEST

Catalogue status 23.05.2019 / We reserve the right to make technical changes.

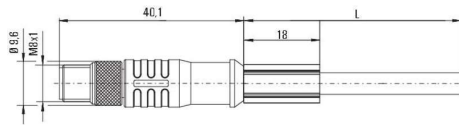
Data sheet

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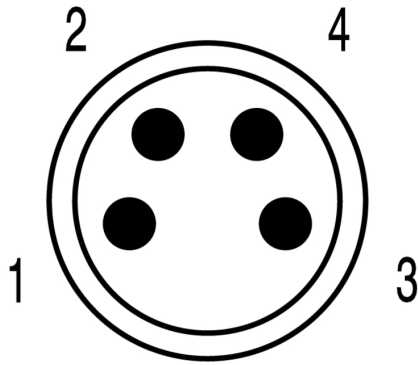
Drawings

Dimensioned drawing



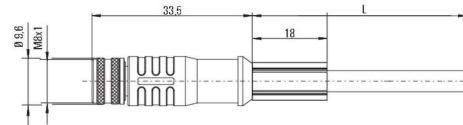
Male, straight

Pole scheme



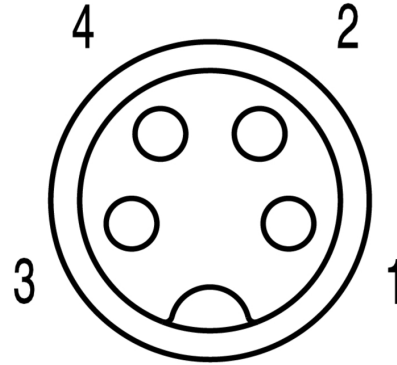
Pin

Dimensioned drawing



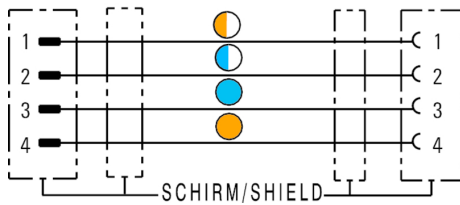
Straight socket

Pole scheme



Socket

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