

SAIL-M12GM8SG-4S25UIE

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

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-M12GM8SG-4S25UIE
Order No.	1296792500
Version	Bus line, Connecting line, M12 / M8, No. of poles: 4, 25 m, Male, straight - male, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4050118110777
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight 758 g

Technical specifications for cable

Number of poles	4	Core cross-section	0.15 mm ²
Outside diameter	4.8 ± 0.3 mm	Shielded	Yes
Insulation	PP	Colour coding	blue, orange, white / blue, white / orange
Sheath material	PUR	Sheathing colour	Green
Cable length	25 m	Temperature range, stationary	-40...80 °C
Halogen	No	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

General technical data

Version	Male, straight - male, straight	connection thread	M12 / M8
Housing main material	PUR	Threaded ring material	Brass, nickel-plated
Coding	M12 = A, M8 = none	Protection degree	IP67
Contact surface	Gold-plated	LED	No
Rated voltage	30 V	Rated current	4 A
Insulation resistance	10 ⁸ Ω	Temperature range of housing	-25...+80 °C
Tightening torque	M8: 0.5 - 0.6 Nm, M12: 0.8 - 1.2 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	27-06-91-90	eClass 9.1	27-06-03-08

Approvals

Approvals



ROHS

Conform

Downloads

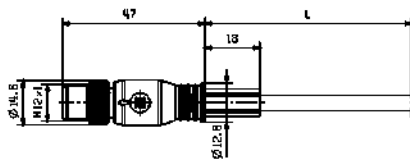
Brochure/Catalogue [FL FIELDWIRING EN](#)
 Engineering Data [EPLAN, WSCAD](#)

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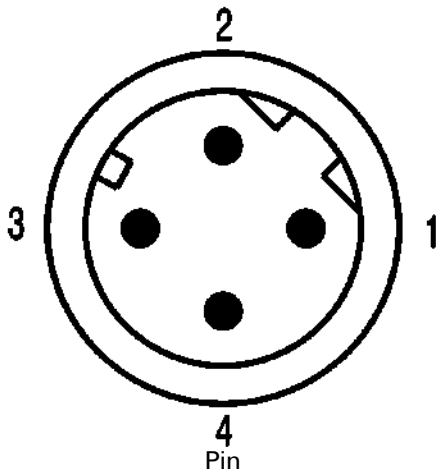
Drawings

Dimensioned drawing

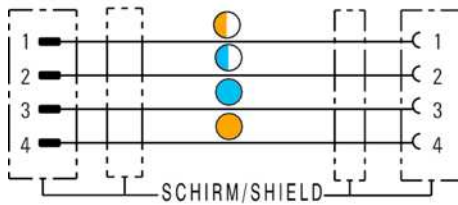


Male, straight

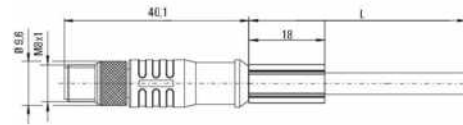
Pole scheme



Wiring diagram

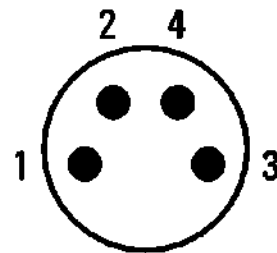


Dimensioned drawing



Male, straight

Pole scheme



Male connector

The ideal tool, the 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