

SAIL-M12GM12G-CD-3.0B

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-M12GM12G-CD-3.0B
Order No.	1060130300
Version	Bus line, Connecting line, M12 / M12, No. of poles: 5, 3 m, pin, straight - socket, straight, Shielded: Yes, LED: No, Sheath material: PVC, Halogen: Yes
GTIN (EAN)	4032248809059
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight 220 g

Technical specifications for cable

Number of poles	5	Wire cross section	2 x 0.34 mm ² + 2 x 0.22 mm ²
Outside diameter	7 ± 0.3 mm	Shielded	Yes
Insulation	PVC	Colour coding	white, blue, red, black
Sheath material	PVC	Sheathing colour	Black
Cable length	3 m	Temperature range, moving	-10...80 °C
Temperature range, stationary	-40...80 °C	Halogen	Yes
Suitable for cable carriers	No	Bending radius, min., stationary	5 x cable diameter
Bending radius, min., moving	10 x cable diameter	Acceleration	5 m/s ²
Speed	180 m/min	Bending cycles	3 Mio
Resistant to welding beads	No		

General technical data

Version	pin, straight - socket, straight	connection thread	M12 / M12
Housing main material	PUR	Threaded ring material	Brass, nickel-plated
Coding	A	Protection degree	IP67
Contact surface	Gold-plated	LED	No
Rated voltage	125 V	Rated current	4 A
Insulation resistance	10 ⁸ Ω	Temperature range of housing	-25...+80 °C
Tightening torque	M12: 0.8 - 1.2 Nm	Plugging cycles	≥ 100
Pollution severity	3	jumpered	No

Standards

Certificate no. (cULus) E307231

Classifications

ETIM 3.0	EC001855	ETIM 4.0	EC001855
ETIM 5.0	EC001855	ETIM 6.0	EC002599
eClass 5.1	27-06-91-90	eClass 6.2	27-06-03-07
eClass 7.1	27-06-03-07	eClass 8.1	27-06-03-07
eClass 9.0	27-06-03-07	eClass 9.1	27-06-03-08

Product information

Descriptive text ordering data Other versions on request
 Descriptive text technical data Chapter W includes additional technical specifications for the cable

Approvals

Approvals



ROHS Conform

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Technical data**Downloads**

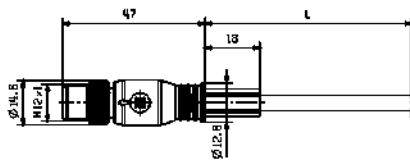
Brochure/Catalogue	FL FIELDWIRING EN
Engineering Data	EPLAN, WSCAD

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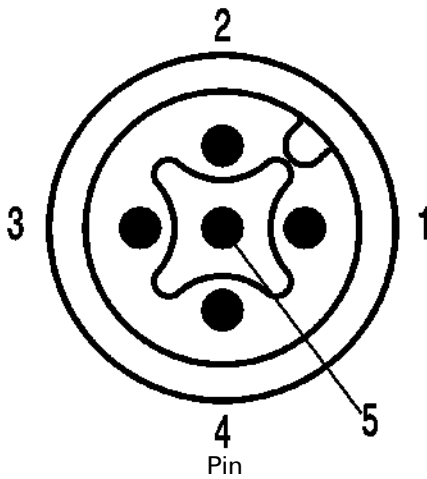
Drawings

Dimensioned drawing

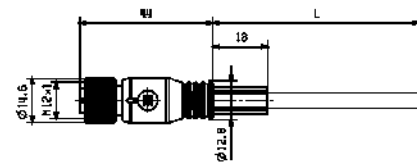


Male, straight

Pole scheme

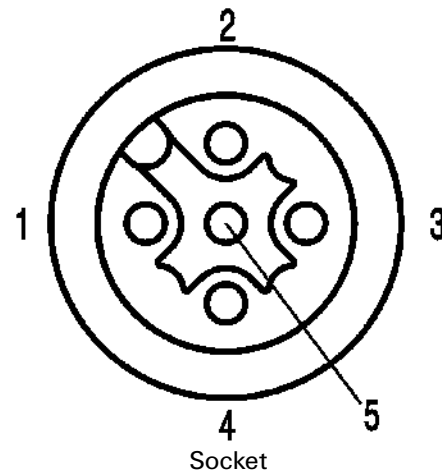


Dimensioned drawing

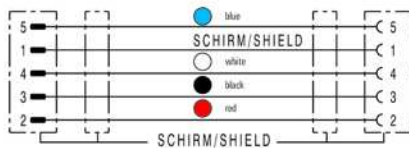


Straight socket

Pole scheme



Wiring diagram



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