

SAIL-M12GM12W-CD-1.5A

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

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-M12GM12W-CD-1.5A
Order No.	1061990150
Version	Bus line, Connecting line, M12 / M12, No. of poles: 5, 1.5 m, pin, straight - socket, 90°, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4032248811694
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight 125 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	TPE	Colour coding	white, blue, red, black
Sheath material	PUR	Sheathing colour	Black
Cable length	1.5 m	Temperature range, moving	-10...80 °C
Temperature range, stationary	-40...80 °C	Halogen	No
Suitable for cable carriers	Yes	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, 90°	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**

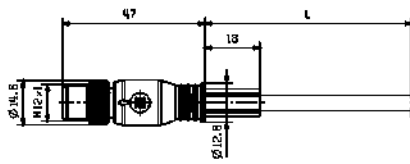
Brochure/Catalogue	CAT 8 SAI 15/16 EN FL FIELDWIRING EN
Engineering Data	EPLAN, WSCAD

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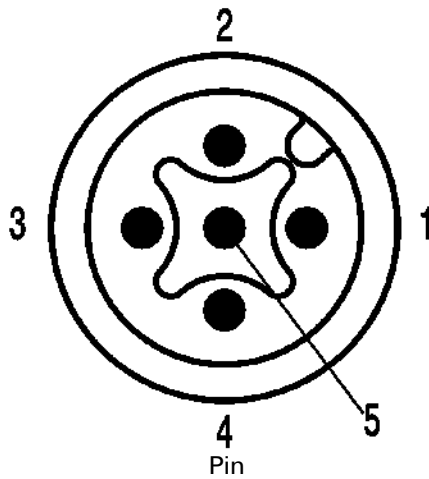
Drawings

Dimensioned drawing

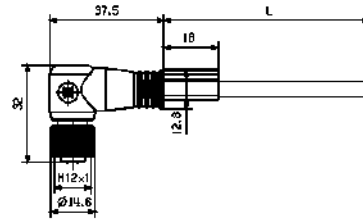


Male, straight

Pole scheme

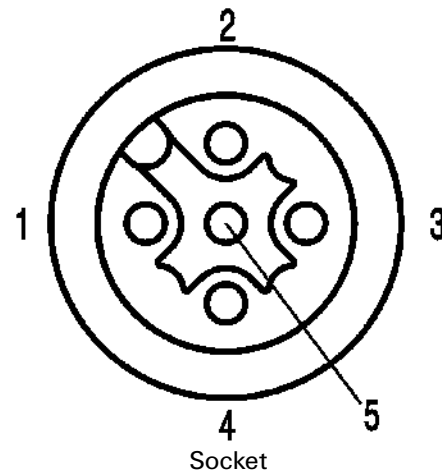


Dimensioned drawing

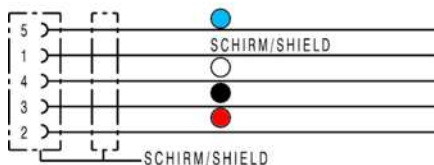


Socket angled

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