

SAIL-M12GM12G-CD-0.5A

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

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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 / M12, Number of poles: 5, 0.5 m, pin, straight - socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	1964710050
Type	SAIL-M12GM12G-CD-0.5A
GTIN (EAN)	4050118336160
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight 59 g

Technical specifications for cable

Acceleration	5 m/s ²	Bending cycles	3 Mio
Bending radius, min., moving	10 x cable diameter	Bending radius, min., stationary	5 x cable diameter
Cable length	0.5 m	Colour coding	white, blue, red, black
Configurable cable length	No	Halogen	No
Hybrid cable	No	Insulation	TPE
Irradiation crosslinked	No	Number of poles	5
Outer cladding in accordance with UL AWM style	20236 (80 °C / 30 V)	Outside diameter	7 mm ± 0.3 mm
Resistant to welding beads	No	Sheath material	PUR
Sheathing colour	violet	Shielded	Yes
Speed	180 m/min	Suitable for cable carriers	Yes
Temperature range, moving	-10...80 °C	Temperature range, stationary	-40...80 °C
Welding spark resistance	No	Wire cross section (Print/Online)	2 x 0.34 mm ² + 2 x 0.22 mm ²

General technical data

Coding	A	Connection thread	M12 / M12
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
Rated voltage	125 V	Temperature range of housing	-25...+80 °C
Threaded ring material	Brass, nickel-plated	Tightening torque	M12: 0.8 - 1.2 Nm
Version	pin, straight - socket, straight	jumpered	No

Electrical propertiesInsulation strength 10⁸ Ω Rated voltage 125 V**General standards**

Certificate no. (cULus) E307231

Classifications

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	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	ECLASS 12.0	27-06-03-08

Environmental Product ComplianceREACH SVHC Lead 7439-92-1
SCIP 1c533b66-fcff-4da5-b89f-fd55fbf5cb55

Data sheet**SAIL-M12GM12G-CD-0.5A****Weidmüller Interfaces GmbH & Co. KG**

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Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E307231

Downloads

Product Change Notification	2022.11.15 Technical change to CANopenDeviceNet cord sets and cables 2022.11.15 Technische Änderung zu CANopenDeviceNet Leitungen
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN

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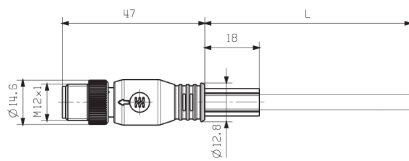
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Drawings

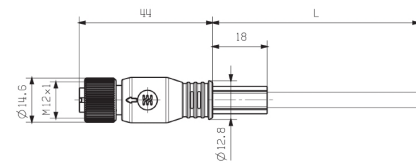
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Dimensioned drawing



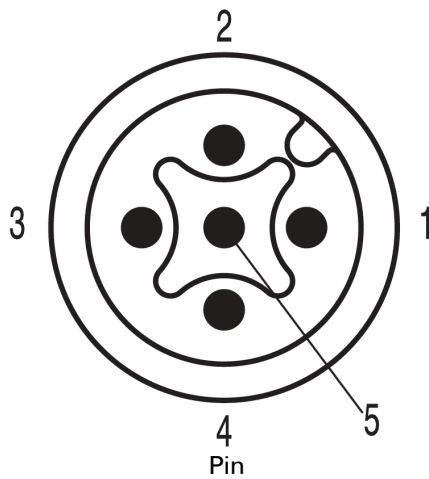
Male, straight

Dimensioned drawing

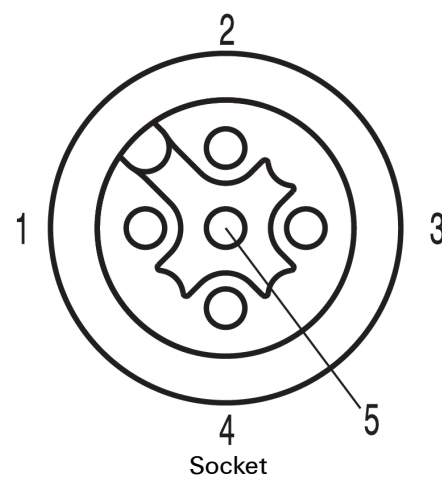


Straight socket

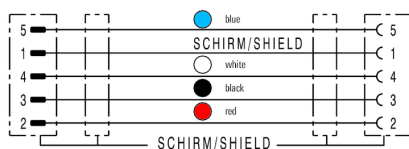
Pole scheme



Pole scheme



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