

## SAIL-M12GM12G-CD-12A

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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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-12A
Order No.	<a href="#">1964711200</a>
Version	Bus line, Connecting line, M12 / M12, Number of poles: 5, 12 m, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4050118586558
Qty.	1 pc(s).

Creation date May 3, 2020 5:45:09 AM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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**Technical data****Dimensions and weights**

Net weight 600 g

**Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

**Technical specifications for cable**

Number of poles	5	Wire cross section	2 x 0.34 mm <sup>2</sup> + 2 x 0.22 mm <sup>2</sup>
Outside diameter	7 mm ± 0.3 mm	Cable length	12 m
Shielded	Yes	Insulation	TPE
Colour coding	white, blue, red, black	Sheath material	PUR
Sheathing colour	black	Halogen	No
Temperature range, moving	-10...80 °C	Temperature range, stationary	-40...80 °C
Outer cladding in accordance with UL AWM style	20236 (80 °C / 30 V)	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 <sup>2</sup>	Speed	180 m/min
Bending cycles	3 Mio	Resistant to welding beads	No
Hybrid cable	No	Irradiation crosslinked	No
Configurable cable length	No		

**General technical data**

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 strength	10 <sup>8</sup> 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 6.0	EC001855	ETIM 7.0	EC001855
eClass 9.0	27-06-03-11	eClass 9.1	27-06-03-11
eClass 10.0	27-06-03-11		

**Approvals**

Approvals



ROHS

Conform

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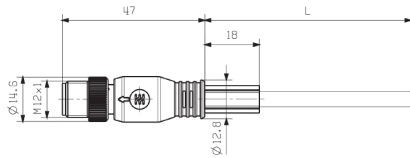
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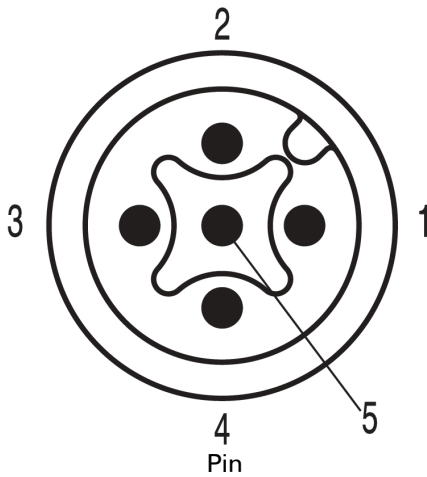
**Drawings**

**Dimensioned drawing**

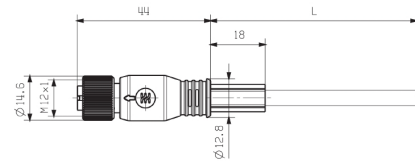


Male, straight

**Pole scheme**

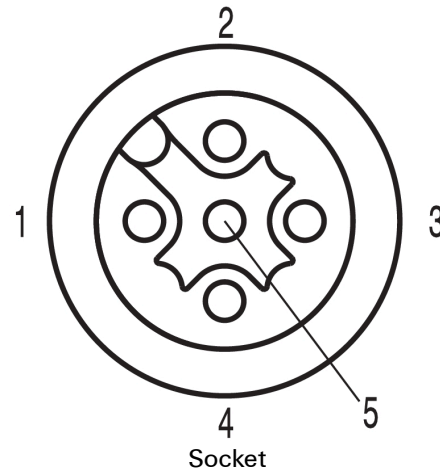


**Dimensioned drawing**

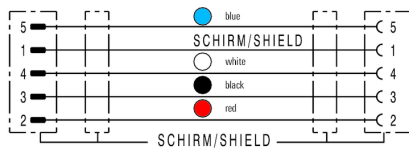


Straight socket

**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