

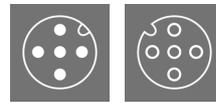
**SAIL-M12GM12G-CD-1.0TV****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Similar to illustration**

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, 1 m, Male pin, straight - Female socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">2493720100</a>
Type	SAIL-M12GM12G-CD-1.0TV
GTIN (EAN)	4050118506068
Qty.	1 pc(s).

Creation date July 15, 2025 4:43:00 AM CEST

Catalogue status 04.07.2025 / We reserve the right to make technical changes.

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## Technical data

### Dimensions and weights

Diameter	6.9 mm	Net weight	92 g
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### Technical specifications for cable

Acceleration	3 m/s <sup>2</sup>	Bending cycles	2.5 Mio
Cable length	1 m	Colour coding	white, blue, red, black
Configurable cable length	No	Halogen	No
Insulation	TPE	Number of poles	5
Resistance to oils	in accordance with IEC 60811:404	Resistant to welding beads	Yes
Sheath material	PUR	Sheathing colour	violet
Shielded	Yes	Speed	180 m/s
Suitable for cable carriers	Yes	Temperature range, moving	-25...80 °C
Temperature range, stationary	-40...80 °C	Torsion resistance	360 °/m
Welding spark resistance	Yes	Wire cross section (Print/Online)	2 x 0,67 mm <sup>2</sup> + 2 x 0,38 mm <sup>2</sup>

### General technical data

Coding	A-coded	Connection thread	M12 / M12
Contact surface	Gold-plated	Housing main material	PUR
Insulation strength	10 <sup>8</sup> Ω	LED	No
Plugging cycles	≥ 100 (M12)	Pollution severity	3
Protection degree	IP67, when screwed in	Rated voltage	30 V
Temperature range of housing	-25...+80 °C	Threaded ring material	Brass, nickel-plated
Tightening torque	M12: 0.8 - 1.2 Nm	Version	Male pin, straight - Female socket, straight
jumpered	No		

### Electrical properties

Insulation strength	10 <sup>8</sup> Ω	Rated voltage	30 V
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### General standards

Connector standard	IEC 61076-2-101
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### Plug, left

Plug left	M12, A-coded, IP67, male contact, straight, Plastic, shielded
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### Plug, right

Plug right	M12, A-coded, IP67, female contact, straight, Plastic, shielded
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**Technical data**

**Classifications**

ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	EC001855	ETIM 9.0	EC001855
ETIM 10.0	EC001855	ECLASS 9.0	27-06-03-11
ECLASS 9.1	27-06-03-11	ECLASS 10.0	27-06-03-11
ECLASS 11.0	27-06-03-11	ECLASS 12.0	27-06-03-11
ECLASS 13.0	27-06-03-11	ECLASS 14.0	27-06-03-11
ECLASS 15.0	27-06-03-11		

**Approvals**

Approvals



Approvals MAMID [https://mdcop.weidmueller.com/mediadelivery/rendition/900\\_319222/-T1z1mm-S800/](https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/) [https://mdcop.weidmueller.com/mediadelivery/rendition/900\\_319260/-T1z1mm-S800/](https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/)

**Environmental Product Compliance**

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	1c533b66-fcff-4da5-b89f-fd55fbf5cb55

**Downloads**

Catalogues [Catalogues in PDF-format](#)

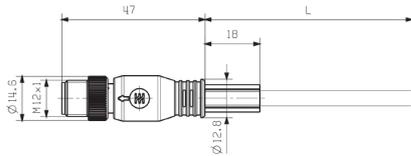
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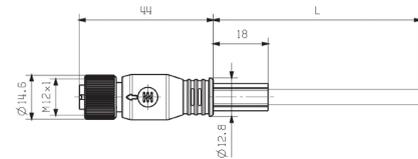
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**Drawings**

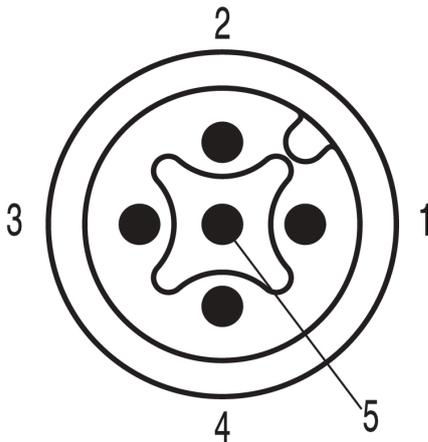
**Dimensioned drawing**



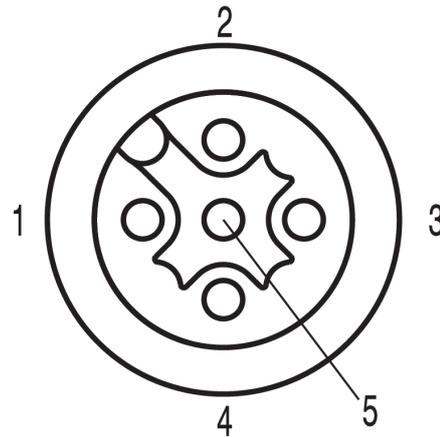
**Dimensioned drawing**



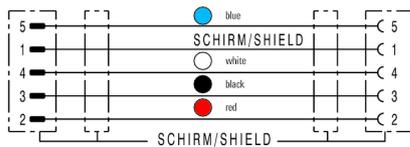
**Pole scheme**



**Pole scheme**



**Wiring diagram**



**The ideal tool: Screwty® with torque function**

