

## SAIL-M12WM12G-PB-3.0D

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

[www.weidmueller.com](http://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

Version	Bus line, Connecting line, M12 / M12, Number of poles: 2, 3 m, pin, angled - bush straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">1062320300</a>
Type	SAIL-M12WM12G-PB-3.0D
GTIN (EAN)	40322488 12448
Qty.	1 pc(s).

Creation date June 13, 2025 2:38:25 AM CEST

Catalogue status 07.06.2025 / We reserve the right to make technical changes.

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

Net weight 251 g

**Technical specifications for cable**

Acceleration	5 m/s <sup>2</sup>	Bending cycles	2 Mio
Bending radius, min., moving	12 x cable diameter	Bending radius, min., stationary	7.5 x cable diameter
Cable length	3 m	Colour coding	red, green
Configurable cable length	No	Core cross-section AWG	AWG 24
Halogen	No	Hybrid cable	No
Insulation	TPE	Irradiation crosslinked	No
Number of poles	2	Outer cladding in accordance with UL AWM style	20236 (80 °C / 30 V)
Outside diameter	7.8 mm ± 0.2 mm	Resistant to welding beads	No
Sheath material	PUR	Sheathing colour	violet
Shielded	Yes	Speed	3 m/s
Suitable for cable carriers	Yes	Temperature range, moving	-20...60 °C
Temperature range, stationary	-40...70 °C	Welding spark resistance	No
Wire cross section (Print/Online)	PUR 0.25 mm <sup>2</sup> / PVC 0.34 mm <sup>2</sup>		

**General technical data**

Coding	B-coded	Connection thread	M12 / M12
Contact material	Ni/Au	Contact surface	Gold-plated
Housing main material	PUR	LED	No
Plugging cycles	≥ 100	Pollution severity	3
Protection degree	IP67	Rated current	4 A
Rated voltage	250 V	Temperature range of housing	-25...+80 °C
Threaded ring material	Brass, nickel-plated	Tightening torque	M12: 0.8 - 1.2 Nm
Version	pin, angled - bush straight	jumpered	No

**Electrical properties**

Rated voltage 250 V

**General standards**

Certificate no. (cULus) E307231

**Plug, left**

Plug left M12, B-coded, IP67, male contact, angled 90°, Plastic, shielded

**Plug, right**

Plug right M12, B-coded, IP67, female contact, straight, Plastic, shielded

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ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	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
ECLASS 13.0	27-06-03-08	ECLASS 14.0	27-06-03-08
ECLASS 15.0	27-06-03-08		

**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

**Approvals**

Approvals



Approvals MAMID	<a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> / <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/</a>
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E307231

**Downloads**

Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a>

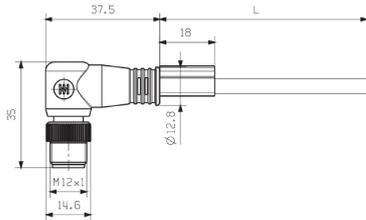
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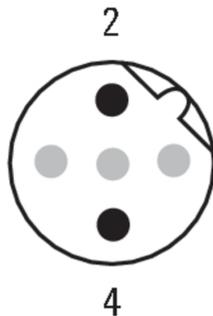
**Drawings**

**Dimensioned drawing**

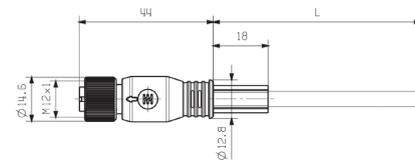


Male, angled

**Pole scheme**

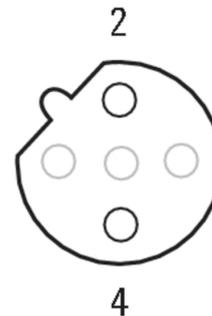


Pin



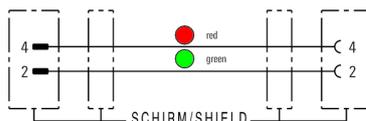
Straight socket

**Pole scheme**



Socket

**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