

## SAIL-M12BW-PB-5.0D

**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, One end without connector, M12, Number of poles: 2, 5 m, Socket, angled, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">1062300500</a>
Type	SAIL-M12BW-PB-5.0D
GTIN (EAN)	4032248812332
Qty.	1 pc(s).

Creation date March 13, 2023 11:39:30 AM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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

Net weight 393 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	5 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	Connection thread	M12
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	Socket, angled
jumpered	No		

**Electrical properties**

Rated voltage 250 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 Compliance**

REACH SVHC	Lead 7439-92-1
SCIP	1c533b66-fcff-4da5-b89f-fd55fbf5cb55

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## Technical data

### Approvals

Approvals



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

### Downloads

Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">WSCAD</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a>

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**Drawings**

**Dimensioned drawing**



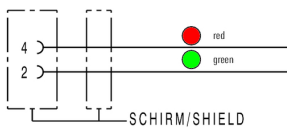
Socket

**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