

## SAIL-M12BW-3L5.0V

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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



Sensor/actuator cables are used for wiring sensors and actuators and for transmitting data or power in various applications. The moulded cable offers connected and tested connection of the plug-in connector to the cable ex-works. The cables may be exposed to a wide range of conditions, such as humidity, dust, heat, cold, shock or vibration.

Our developers have focused specifically on this issue and designed a host of different M8 and M12 sensor-actuator cables so you are bound to find the solution you need for your application.

Is there something you have not managed to find or you feel needs explanation? Talk to us!

### General ordering data

Version	Sensor/actuator line, One end without connector, M12, Number of poles : 3, 5 m, Socket, angled, Shielded: No, LED: Yes, Sheath material: PVC, Halogen: Yes
Order No.	<a href="#">1925460500</a>
Type	SAIL-M12BW-3L5.0V
GTIN (EAN)	4032248570645
Qty.	1 pc(s).

Creation date July 16, 2021 4:31:06 PM CEST

Catalogue status 02.07.2021 / We reserve the right to make technical changes.

**SAIL-M12BW-3L5.0V****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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

Net weight 190 g

**Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

**Technical specifications for cable**

Cable length	5 m	Colour coding	brown, blue, black
Configurable cable length	No	Core cross-section	0.34 mm <sup>2</sup>
Halogen	Yes	Insulation	PVC
Number of poles	3	Outer cladding in accordance with UL AWM style	2464 (80 °C / 300 V)
Outside diameter	4.9 mm ± 0.2 mm	Resistant to welding beads	No
Sheath material	PVC	Sheathing colour	black
Shielded	No	Suitable for cable carriers	No
Temperature range, moving	-5...80 °C	Temperature range, stationary	-30...80 °C
Torsion resistance	0 °/m		

**General technical data**

AF size	12 mm	Coding	A
Connection thread	M12	Contact surface	Gold-plated
Housing main material	PUR	Insulation strength	10 <sup>8</sup> Ω
LED	Yes	Plugging cycles	≥ 100
Pollution severity	3	Protection degree	IP67, IP68, when screwed in, IP65, IP66
Rated current	4 A	Rated voltage	24 V
Temperature range of housing	-25...+80 °C	Threaded ring material	Diecast zinc
Tightening torque	M12: 0.8 - 1.2 Nm	Version	Socket, angled
jumpered	No		

**Classifications**

ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	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		

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	E307231

**SAIL-M12BW-3L5.0V****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Downloads**

---

Engineering Data	<a href="#">STEP</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>
Product Change Notification	<a href="#">DE - Technische Änderung zu M12 Gewinding mit 6-Kant</a> <a href="#">EN - Technical change to M12 nut with additional hexagonal mounting</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

---

**SAIL-M12BW-3L5.0V**

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

www.weidmueller.com

**Drawings**

**Dimensioned drawing**



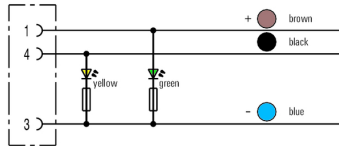
Angled socket

**Pole scheme**



Socket

**Wiring diagram**



**The ideal tool: Screwty<sup>®</sup> 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