

## SAIL-M12W-PB-3.0E

**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, 3 m, pin, 90&deg;, Shielded: Yes, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	<a href="#">1062340300</a>
Type	SAIL-M12W-PB-3.0E
GTIN (EAN)	4032248812516
Qty.	1 pc(s).

Creation date March 22, 2021 10:00:27 PM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

## SAIL-M12W-PB-3.0E

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

### Dimensions and weights

Net weight 193 g

### Environmental Product Compliance

REACH SVHC Lead 7439-92-1

### Technical specifications for cable

Bending radius, min., moving	9 x cable diameter	
Bending radius, min., stationary	18 x cable diameter	
Cable length	3 m	
Colour coding	red, green	
Configurable cable length	No	
Core cross-section AWG	AWG 22	
Halogen	Yes	
Housing main material	PUR	
Hybrid cable	No	
Insulation	PVC	
Irradiation crosslinked	No	
Number of poles	2	
Number of poles	2	
Outer diameter	7.8 ± 0.2 mm	
Outside diameter	Diameter	7.8 mm
	Signs	±
	Tolerance	0.2 mm
Outside diameter	7.8 mm ± 0.2 mm	
Resistant to welding beads	No	
Sheath material	PVC	
Sheathing colour	violet	
Shielded	Yes	
Suitable for cable carriers	No	
Temperature range, moving	-5...60 °C	
Temperature range, moving, max.	60 °C	
Temperature range, moving, min.	-5 °C	
Temperature range, stationary	-20...70 °C	
Temperature range, stationary, max.	70 °C	
Temperature range, stationary, min.	-20 °C	
Wire cross section	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
Insulation strength	10 <sup>8</sup> Ω	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, 90°	jumpered	No

### Electrical properties

Insulation strength	10 <sup>8</sup> Ω	Rated voltage	250 V
---------------------	-------------------	---------------	-------

Creation date March 22, 2021 10:00:27 PM CET

**SAIL-M12W-PB-3.0E**

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

www.weidmueller.com

**Technical data**

**General standards**

Certificate no. (cULus) E307231

**Cable structure**

Colour coding	red, green	Insulation	PVC
Sheathing colour	violet		

**Electrical properties of cable**

Insulation strength	10 <sup>8</sup> Ω	Rated current	4 A
---------------------	-------------------	---------------	-----

**Mechanical and material properties of cable**

Halogen Yes

**Plug, right**

Contact surface	Gold-plated	Housing main material	PUR
Plugging cycles	≥ 100		

**Classifications**

ETIM 6.0	EC002599	ETIM 7.0	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

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	E307231

**Downloads**

Engineering Data	<a href="#">STEP</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>

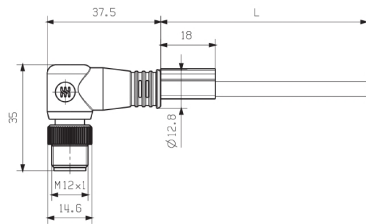
**SAIL-M12W-PB-3.0E**

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

www.weidmueller.com

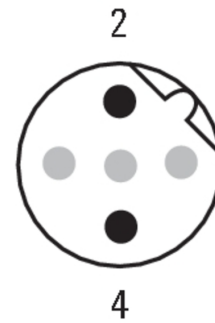
**Drawings**

**Dimensioned drawing**



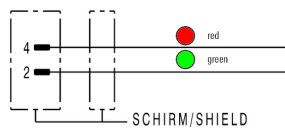
Male, angled

**Pole scheme**



Pin

**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