

**SAIL-M12GM12G-PB-1.0D****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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™, Ether-CAT and Ethernet.

**General ordering data**

Version	Bus line, Connecting line, M12 / M12, Number of poles: 2, 1 m, pin, straight - socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">1873310100</a>
Type	SAIL-M12GM12G-PB-1.0D
GTIN (EAN)	4032248966752
Qty.	1 items
Available until	2026-04-30T00:00:00+02:00

## SAIL-M12GM12G-PB-1.0D

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

www.weidmueller.com

## Technical data

## Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate no. (cULus)	E307231

## Dimensions and weights

Net weight	104 g
------------	-------

## 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

## Technical specifications for cable

Cable length	1 m	Sheathing colour	violet
Suitable for cable carriers	Yes	Shielded	Yes
Halogen	No	Insulation	TPE
Acceleration	5 m/s <sup>2</sup>	Bending radius, min., moving	12 x cable diameter
Bending radius, min., stationary	7.5 x cable diameter	Bending cycles	2 Mio
Wire cross section (Print/Online)	PUR 0.25 mm <sup>2</sup> / PVC 0.34 mm <sup>2</sup>	Speed	3 m/s
Sheath material	PUR	Configurable cable length	No
Outer cladding in accordance with UL AWM style	20236 (80 °C / 30 V)	Hybrid cable	No
Irradiation crosslinked	No	Welding spark resistance	No
Core cross-section AWG	AWG 24	Colour coding	red, green
Temperature range, stationary	-40...70 °C	Resistant to welding beads	No
Temperature range, moving	-20...60 °C	Number of poles	2
Outside diameter	7.8 mm ± 0.2 mm		

## General technical data

Coding	B-coded	Connection thread	M12 / M12
Contact surface	Gold-plated	LED	No
Version	pin, straight - socket, straight	Housing main material	PUR
Insulation resistance	108 Ω	Nominal voltage	250 V
Nominal current	4 A	Protection degree	IP67
Plugging cycles	≥ 100	Pollution severity	3
jumpered	No	Threaded ring material	Brass, nickel-plated
Temperature range of housing	-25...+80 °C	Tightening torque	M12: 0.8 - 1.2 Nm

## Electrical properties

Insulation resistance	108 Ω	Nominal voltage	250 V
-----------------------	-------	-----------------	-------

**SAIL-M12GM12G-PB-1.0D**

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

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

**Technical data**

**General standards**

Certificate no. (cULus) E307231

**Plug, left**

Plug left M12, B-coded, IP67, male contact, straight, Plastic, shielded

**Plug, right**

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

**Classifications**

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

**SAIL-M12GM12G-PB-1.0D**

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

**Drawings**

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

**Dimensioned drawing**



Male, straight



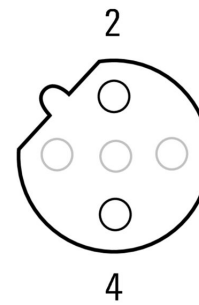
Straight socket

**Pole scheme**



Pin

**Pole scheme**



Socket

# Drawings

## 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