

**SAIL-M12BG-B-USB-1.5U****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, Number of poles: 5, 1.5 m, Female socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">1962800150</a>
Type	SAIL-M12BG-B-USB-1.5U
GTIN (EAN)	4032248644896
Qty.	1 items

## SAIL-M12BG-B-USB-1.5U

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

www.weidmueller.com

## Technical data

### Approvals

Approvals



ROHS Conform

### Dimensions and weights

Net weight 68 g

### Environmental Product Compliance

RoHS Compliance Status Compliant  
 REACH SVHC Lead 7439-92-1  
 SCIP e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

### Technical specifications for cable

Cable length	1.5 m	Sheathing colour	black
Number of wires	4	Shielded	Yes
Halogen	No	Insulation	PE
Sheath material	PUR	Configurable cable length	No
Outer cladding in accordance with UL AWM style	20963 (80 °C / 30 V)	Hybrid cable	No
Irradiation crosslinked	No	Colour coding	white, green, red, black
Number of poles	5		

### General technical data

Connection thread	M12	Contact surface	Gold-plated
LED	No	Version	Female socket, straight
Housing main material	PUR	Insulation resistance	108 Ω
Nominal voltage	5 V	Nominal current	1 A
Protection degree	IP67	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 5 V

### Cable structure

Sheathing colour black      Number of wires 4  
 Insulation PE      Colour coding white, green, red, black

### Electrical properties of cable

Insulation resistance 108 Ω      Nominal current 1 A

### Mechanical and material properties of cable

Halogen No

**SAIL-M12BG-B-USB-1.5U**

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

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

**Technical data****Plug, left**

Plug left	connector, M12, B-coded, Number of poles: 5, IP67, female contact, straight, shielded
-----------	--

**Plug, right**

Plug right	connector, USB A, Number of poles: 4, IP67, male contact, straight, 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-M12BG-B-USB-1.5U

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

www.weidmueller.com

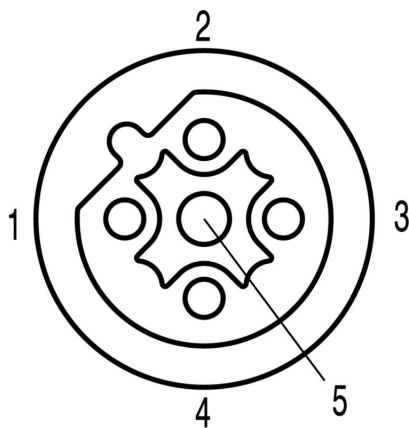
Drawings

Dimensioned drawing



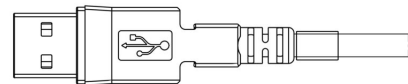
Straight socket

Pole scheme



M12, socket, B-coded

Dimensioned drawing



USB type A

## SAIL-M12BG-B-USB-1.5U

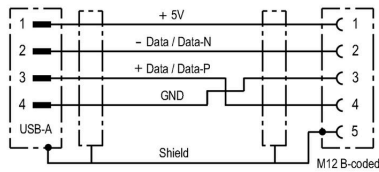
**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

# Drawings

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

### 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