

SAIL-M12BG-USB-3.0U

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, 3 m, Female socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	1288820300
Type	SAIL-M12BG-USB-3.0U
GTIN (EAN)	4050118080230
Qty.	1 items

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Net weight 116 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	3 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

Coding	A-coded	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

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Technical data**Plug, left**

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

Plug, right

Plug right connector, USB A,
Number of poles: 4, IP67,
male contact, straight,
unshielded

Classifications

ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	EC002599	ECLASS 14.0	27-06-03-08
ECLASS 15.0	27-06-03-07		

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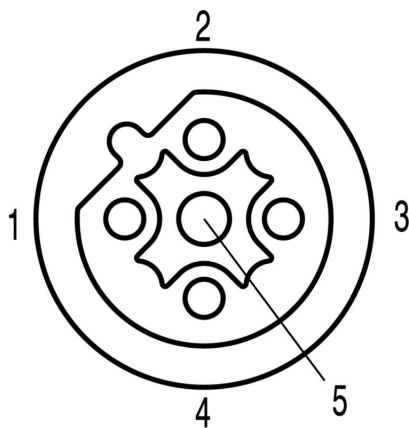
Drawings

Dimensioned drawing



Straight socket

Pole scheme



M12, socket, B-coded

Dimensioned drawing

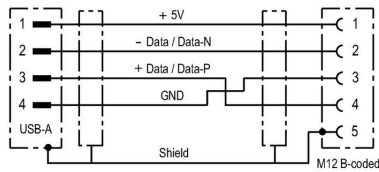


USB type A

SAIL-M12BG-USB-3.0U

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