

SAIL-M12G-USB-1.0U

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, 1 m, pin, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	2556580000
Type	SAIL-M12G-USB-1.0U
GTIN (EAN)	4050118567137
Qty.	1 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Net weight 53 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	black
Resistance to oils	in accordance with IEC 60811:404	Suitable for cable carriers	Yes
Number of wires	4	Shielded	Yes
Halogen	No	Insulation	PE
Resistance to spread of flame	According to UL2556 FT2	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	pin, straight
Housing main material	PUR	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

Electrical properties

Nominal voltage 5 V

Cable structure

Sheathing colour	black	Shielding	360° all-round enclosure
Number of wires	4	Insulation	PE
Colour coding	white, green, red, black		

Electrical properties of cable

Nominal current 1 A

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Technical data

Mechanical and material properties of cable

Resistance to oils	in accordance with IEC 60811:404	Halogen	No
Resistance to spread of flame	According to UL2556 FT2		

Plug, left

Plug left	connector, M12, A-coded, Number of poles: 5, IP67, male contact, straight, unshielded		
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Plug, right

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

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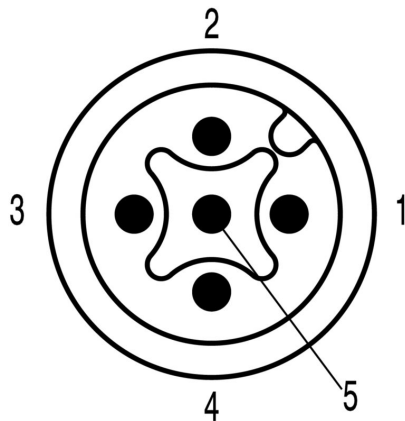
Drawings

Dimensioned drawing



Male, straight

Pole scheme



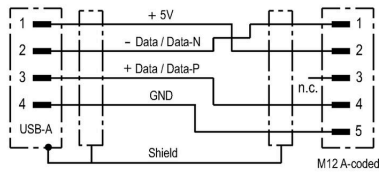
M12, pin, A-coded

Dimensioned drawing



USB type A

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