

SAIL-M12G-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, DeviceNetTM, EtherCAT and Ethernet.

General ordering data

Version	Bus line, Connecting line, M12, Number of poles: 5, 3 m, pin, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	1268520000
Type	SAIL-M12G-USB-3.0U
GTIN (EAN)	4050118057393
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight	105 g
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Technical specifications for cable

Cable length	3 m	Colour coding	white, green, red, black
Configurable cable length	No	Halogen	No
Hybrid cable	No	Insulation	PE
Irradiation crosslinked	No	Number of poles	5
Number of wires	4	Outer cladding in accordance with UL AWM style	20963 (80 °C / 30 V)
Sheath material	PUR	Sheathing colour	black
Shielded	Yes		

General technical data

Coding	A-coded	Connection thread	M12
Contact surface	Gold-plated	Housing main material	PUR
Insulation strength	10 ⁸ Ω	LED	No
Pollution severity	3	Protection degree	IP67
Rated current	1 A	Rated voltage	5 V
Temperature range of housing	-25...+80 °C	Threaded ring material	Brass, nickel-plated
Tightening torque	M12: 0.8 - 1.2 Nm	Version	pin, straight
jumpered	No		

Electrical properties

Insulation strength	10 ⁸ Ω	Rated voltage	5 V
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Cable structure

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

Electrical properties of cable

Insulation strength	10 ⁸ Ω	Rated current	1 A
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Mechanical and material properties of cable

Halogen	No
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Plug

Plug left	connector, M12, A-coded, Number of poles: 5, IP67, male contact, straight, unshielded	Plug right	connector, USB A, Number of poles: 4, IP67, male contact, straight, unshielded
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Plug, left

Plug left	connector, M12, A-coded, Number of poles: 5, IP67, male contact, straight, unshielded
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Creation date May 11, 2025 5:30:58 PM CEST

Catalogue status 26.04.2025 / We reserve the right to make technical changes.

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www.weidmueller.com**Technical data****Plug, right**

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

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	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	ECLASS 12.0	27-06-03-08
ECLASS 13.0	27-06-03-08	ECLASS 14.0	27-06-03-08
ECLASS 15.0	27-06-03-08		

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

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/
ROHS	Conform

Downloads

Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

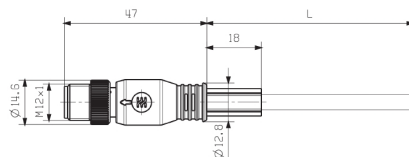
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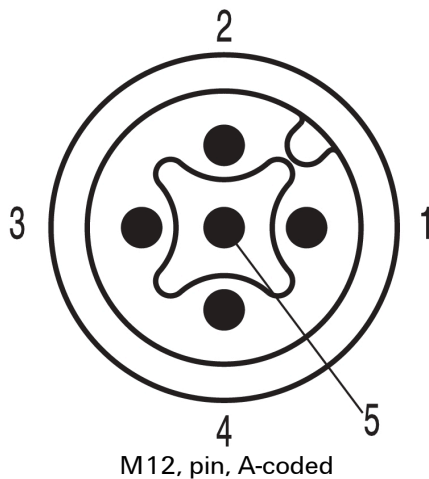
Drawings

Dimensioned drawing

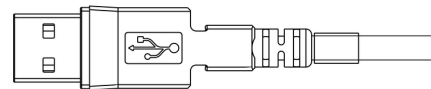


Male, straight

Pole scheme

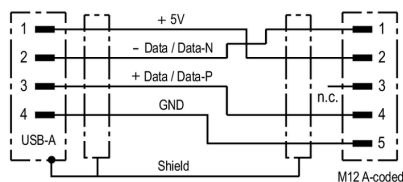


Dimensioned drawing



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

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