

SAIL-M12GM12W-T-1.5P

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

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Your peripheral devices should be supplied with greater power. With our new M12 plug-in connector, more than 250 V and 2 A is possible without problems. The compact S- and T-coded M12 plug-in connectors are designed for the transmission of up to 630 V AC or 60 V DC and 12 A.

General ordering data

Version	Power cable, Connecting line, M12 / M12, Number of poles : 4, 1.5 m, pin, straight - socket, 90°, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	2050830150
Type	SAIL-M12GM12W-T-1.5P
GTIN (EAN)	4050118442267
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight 100 g

Technical specifications for cable

Acceleration	5 m/s ²	Bending cycles	10 Mio
Bending radius, min., moving	7.5 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Cable length	1.5 m	Colour coding	black, blue, white, brown
Configurable cable length	No	Core cross-section	1.5 mm ²
Halogen	No	Insulation	PP
Irradiation crosslinked	No	Number of poles	4
Outer cladding in accordance with UL AWM style	20234 (80 °C / 1000 V)	Outside diameter	9.6 mm ± 0.3 mm
Resistant to welding beads	No	Sheath material	PUR
Sheathing colour	black	Shielded	No
Speed	5 m/s	Suitable for cable carriers	Yes
Temperature range, moving	-40...90 °C	Temperature range, stationary	-50...90 °C
Welding spark resistance	No		

General technical data

AF size	13 mm	Coding	T
Connection thread	M12 / M12	Contact surface	Gold-plated
Housing main material	PUR	Insulation strength	10 ⁸ Ω
LED	No	Plugging cycles	≥ 100
Pollution severity	3	Protection degree	IP67, when screwed in
Rated current	12 A	Rated voltage	63 V
Temperature range of housing	-40 ... +85 °C	Tightening torque	M12: 0.8 - 1.2 Nm
Version	pin, straight - socket, 90°		

Electrical properties

Insulation strength	10 ⁸ Ω	Rated voltage	63 V
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General standards

Certificate no. (cULus)	E310075	Connector standard	IEC 61076-2-111
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Standards

Connector standard	IEC 61076-2-111
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Classifications

ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	EC001855	ECLASS 9.0	27-06-03-11
ECLASS 9.1	27-06-03-11	ECLASS 10.0	27-06-03-11
ECLASS 11.0	27-06-03-11	ECLASS 12.0	27-06-03-11

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

Creation date January 9, 2023 3:45:15 PM CET

Catalogue status 06.01.2023 / We reserve the right to make technical changes.

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Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E310075

Downloads

Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN

Data sheet

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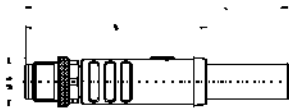
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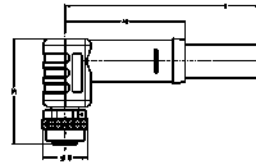
Drawings

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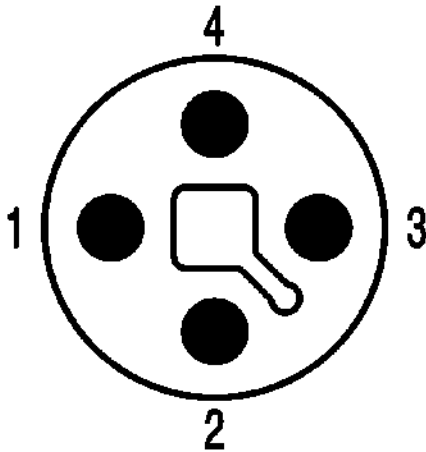
Dimensioned drawing



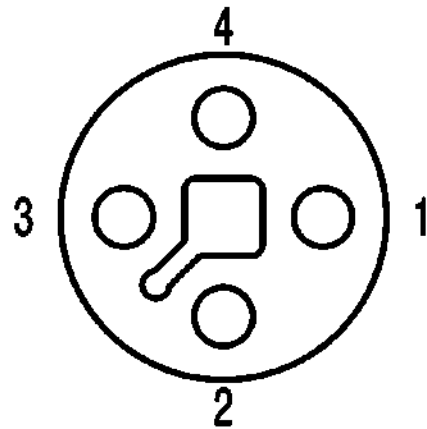
Dimensioned drawing



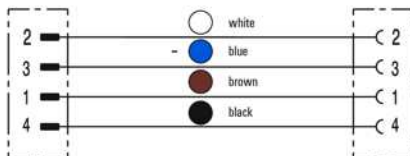
Pole scheme



Pole scheme



Wiring diagram



The ideal tool: Screwty® with torque function

