

**SAIL-M12GM12W-T-10P****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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 A-, K-, L-, 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, 10 m, pin, straight - socket, 90&deg;, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">2050831000</a>
Type	SAIL-M12GM12W-T-10P
GTIN (EAN)	4050118442250
Qty.	1 pc(s).

Creation date July 14, 2025 3:42:32 AM CEST

Catalogue status 04.07.2025 / We reserve the right to make technical changes.

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## Technical data

### Dimensions and weights

Net weight 500 g

### Technical specifications for cable

Acceleration	5 m/s <sup>2</sup>	Bending cycles	10 Mio
Bending radius, min., moving	7.5 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Cable length	10 m	Colour coding	black, blue, white, brown
Configurable cable length	No	Core cross-section	1.5 mm <sup>2</sup>
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-coded
Connection thread	M12 / M12	Contact surface	Gold-plated
Housing main material	PUR	Insulation strength	10 <sup>8</sup> 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&deg;		

### Electrical properties

Insulation strength 10<sup>8</sup> Ω      Rated voltage 63 V

### General standards

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

### Standards

Connector standard IEC 61076-2-111

### Plug, left

Plug left M12, T-coded, IP67, male contact, straight, Plastic, unshielded

### Plug, right

Plug right M12, T-coded, IP67, female contact, angled 90°, Plastic, unshielded

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Classifications**

ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	EC001855	ETIM 9.0	EC001855
ETIM 10.0	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
ECLASS 13.0	27-06-03-11	ECLASS 14.0	27-06-03-11
ECLASS 15.0	27-06-03-11		

**Approvals**

Approvals



Approvals MAMID	<a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/</a>
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E310075

**Environmental Product Compliance**

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

**Downloads**

Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a>

**Data sheet**

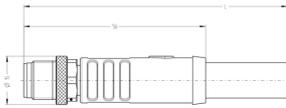
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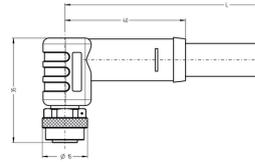
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**Drawings**

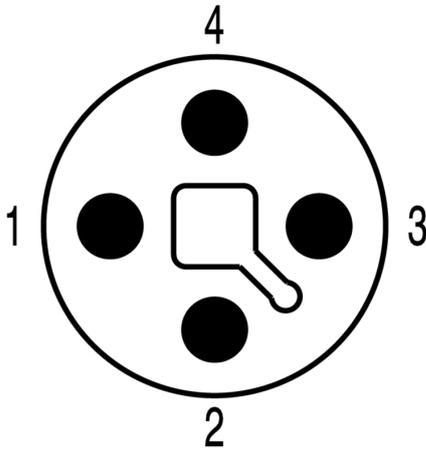
**Dimensioned drawing**



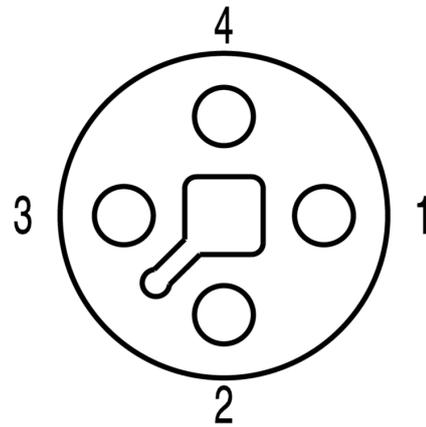
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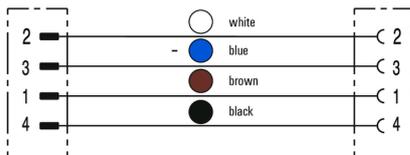
**Pole scheme**



**Pole scheme**



**Wiring diagram**



**The ideal tool: Screwty® with torque function**

