

SAIL-M12GM12G-S-1.0P**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 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 (3 + PE), 1 m, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	2050270100
Type	SAIL-M12GM12G-S-1.0P
GTIN (EAN)	4050118747188
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight 0.1 g

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

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 m	Colour coding	grey, black, brown, Green/ yellow
Configurable cable length	No	Core cross-section	1.5 mm ²
Halogen	No	Insulation	PP
Number of poles	4 (3 + PE)	Outer cladding in accordance with UL AWM style	20234 (80 °C / 1000 V)
Outside diameter	9.6 mm ± 0.3 mm	PE function	Yes
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...80 °C	Temperature range, stationary	-50...80 °C

General technical data

Coding	S	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	600 V	Temperature range of housing	-25...+80 °C

Classifications

ETIM 6.0	EC001855	ETIM 7.0	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

Approvals

ROHS Conform

Downloads

Engineering Data [STEP](#)

Brochure/Catalogue [Catalogues in PDF-format](#)

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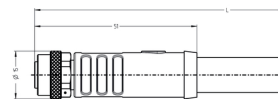
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Drawings

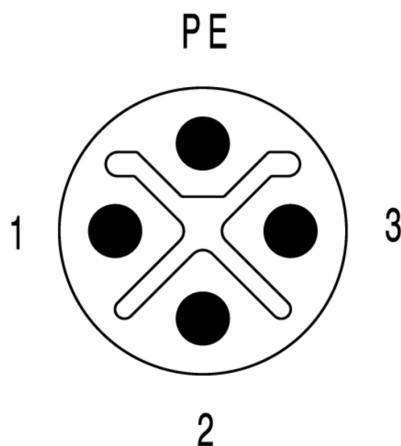
Dimensioned drawing



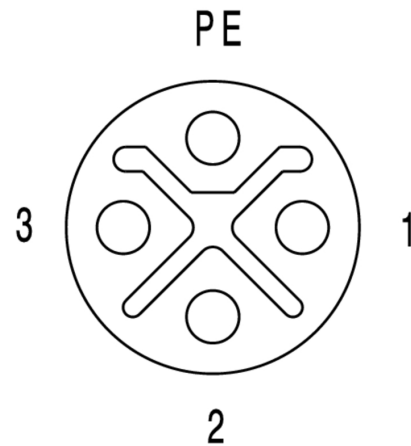
Dimensioned drawing



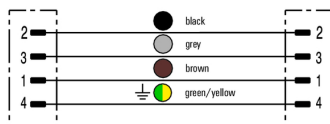
Pole scheme



Pole scheme



Wiring diagram



The ideal tool: Screwty® with torque function

