

SAIL-M12GM12G-S-3.0P**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), 3 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	2050270300
Type	SAIL-M12GM12G-S-3.0P
GTIN (EAN)	4050118441512
Qty.	1 pc(s).

Creation date March 26, 2021 10:01:41 PM CET

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Technical data**Dimensions and weights**

Net weight	200 g
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Technical specifications for cable

Acceleration	5 m/s²	
Bending cycles	10 Mio	
Bending radius, min., moving	7.5 x cable diameter	
Bending radius, min., stationary	4 x cable diameter	
Cable length	3 m	
Colour coding	grey, black, brown, Green/yellow	
Configurable cable length	No	
Core cross-section	1.5 mm²	
Halogen	No	
Housing main material	PUR	
Insulation	PP	
Number of poles	4	
Number of poles	4 (3 + PE)	
Outer cladding in accordance with UL AWM style	20234 (80 °C / 1000 V)	
Outside diameter	Diameter	9.6 mm
	Signs	±
	Tolerance	0.3 mm
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, moving, max.	80 °C	
Temperature range, moving, min.	-40 °C	
Temperature range, stationary	-50...80 °C	
Temperature range, stationary, max.	80 °C	
Temperature range, stationary, min.	-50 °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
Version	pin, straight - socket, straight		

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Connector standard	IEC 61076-2-111
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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
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Downloads

Engineering Data	STEP
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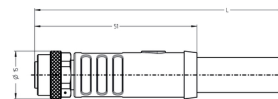
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Drawings

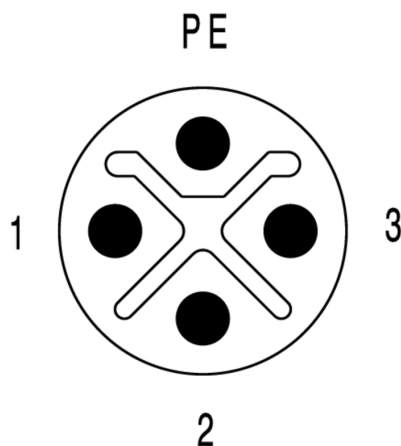
Dimensioned drawing



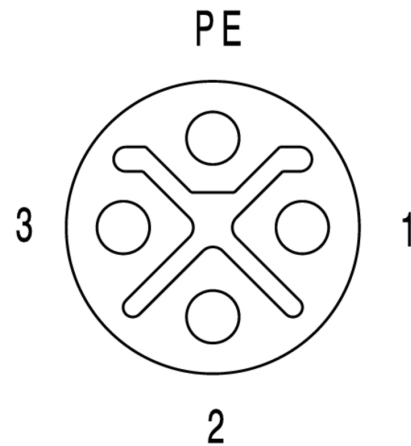
Dimensioned drawing



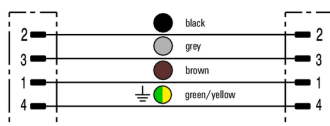
Pole scheme



Pole scheme



Wiring diagram



The ideal tool: Screwty® with torque function

