SAIL-M12GM12G-S-6.0P

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
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

Type	SAIL-M12GM12G-S-6.0P
Order No.	2050270600
Version	Power cable, Connecting line, M12 / M12, Number of poles : 4 (3 + PE), pin, straight - socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4050118480818
Qty.	1 pc(s).

SAIL-M12GM12G-S-6.0P

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Technical data

Dimensions and weights

Net weight	200 g

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

Technical specifications for cable

Number of poles	4 (3 + PE)	Core cross-section	1.5 mm²
Outside diameter	9.6 ± 0.3 mm	Shielded	No
Insulation	PP	Colour coding	grey, black, brown, Green/ yellow
Sheath material	PUR	Sheathing colour	black
Halogen	No	Temperature range, moving	-40...80 °C
Temperature range, stationary	-50...80 °C	Outer cladding in accordance with UL AWM style	20234 (80 °C / 1000 V)
Suitable for cable carriers	Yes	Bending radius, min., stationary	5 x cable diameter
Bending radius, min., moving	10 x cable diameter	Acceleration	5 m/s²
Speed	5 m/s	Bending cycles	10 Mio
Resistant to welding beads	No	Hybrid cable	No
Irradiation crosslinked	No	Configurable cable length	No

General technical data

Version	pin, straight - socket, straight	Connection thread	M12 / M12
Housing main material	PUR	Coding	S
Protection degree	IP67, when screwed in	Contact surface	Gold-plated
LED	No	Rated voltage	600 V
Rated current	12 A	Insulation strength	10^8 Ω
Temperature range of housing	-25...+85 °C	Plugging cycles	≥ 100
Pollution severity	3		

Standards

Connector standard	IEC 61076-2-111

Classifications

ETIM 6.0	EC001855	eClass 6.2	27-26-07-02
eClass 9.0	27-06-03-11	eClass 9.1	27-06-03-11

Approvals

ROHS	Conform

Downloads

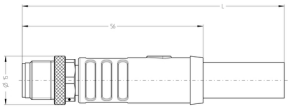
Brochure/Catalogue	FL FIELDWIRING EN
Engineering Data	EPLAN, WSCAD

SAIL-M12GM12G-S-6.0P

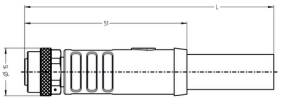
Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Drawings

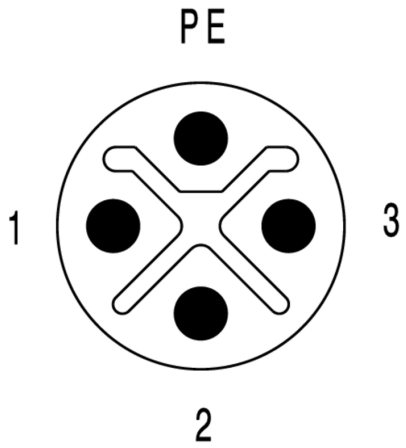
Dimensioned drawing



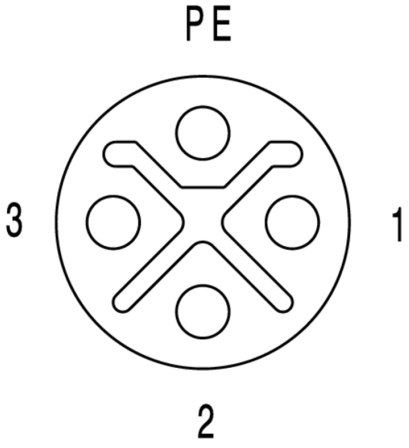
Dimensioned drawing



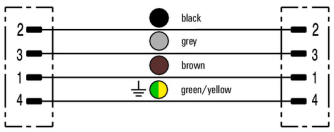
Pole scheme



Pole scheme



Wiring diagram



The ideal tool: Screwty ® with torque function

