SAIL-M12BG-T-5.0H

Weidmüller Interface GmbH & Co. KG
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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

Type	SAIL-M12BG-T-5.0H
Order No.	2050680500
Version	Power cable, One end without connector, M12, Number of poles : 4, 5 m, Female socket, straight, Shielded: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4050118441789
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	300 g

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

Technical specifications for cable

Number of poles	4	Core cross-section	2.5 mm²
Outside diameter	11 ± 0.4 mm	Cable length	5 m
Shielded	No	Insulation	PP
Colour coding	black, blue, white, brown	Sheath material	PUR
Sheathing colour	black	Halogen	No
Temperature range, moving	-40...90 °C	Temperature range, stationary	-50...90 °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	Female socket, straight	Connection thread	M12
Housing main material	PUR	Coding	T
Protection degree	IP67, when screwed in	Contact surface	Gold-plated
Rated voltage	63 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

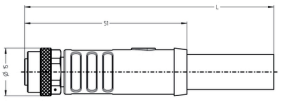
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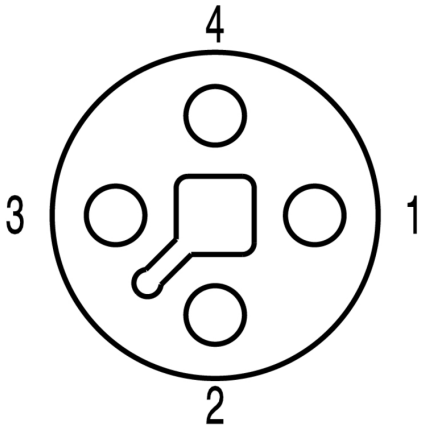
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Drawings

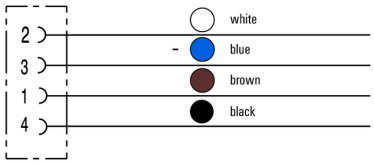
Dimensioned drawing



Pole scheme



Wiring diagram



The ideal tool: Screwty ® with torque function

