SAIL-M12G-T-3.0H

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, One end without connector, M12, Number of poles : 4, 3 m, pin, straight, Shielded: No, Sheath material: PUR, Halogen: No
Order No.	2050700300
Type	SAIL-M12G-T-3.0H
GTIN (EAN)	4050118442106
Qty.	1 pc(s).

Creation date August 16, 2024 1:11:16 PM CEST

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Technical data

Dimensions and weights

Net weight	200 g

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	black, blue, white, brown
Configurable cable length	No	Core cross-section	2.5 mm²
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	11 mm ± 0.4 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	Contact surface	Gold-plated
Housing main material	PUR	Insulation strength	10^8 Ω
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

Electrical properties

Insulation strength	10^8 Ω	Rated voltage	63 V

General standards

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

Standards

Connector standard	IEC 61076-2-111

Classifications

ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	EC001855	ETIM 9.0	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		

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Environmental Product Compliance

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

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E310075

Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN

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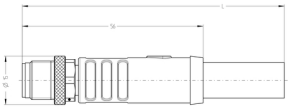
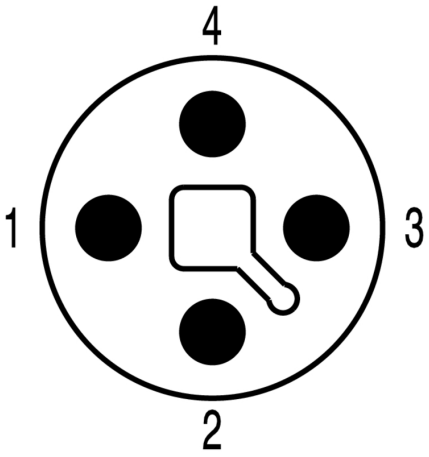
Drawings

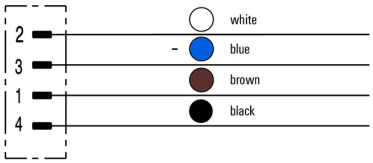
Dimensioned drawing



Pole scheme



Wiring diagram



The ideal tool: Screwty ® with torque function

