SAIL-M12GM12W-K-3.0P

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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Germany
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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-M12GM12W-K-3.0P
Order No.	2455270300
Version	Power cable, Connecting line, M12 / M12, Number of poles : 5 (4 + PE), 3 m, pin, straight - socket, 90°, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4050118470338
Qty.	1 pc(s).

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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	5 (4 + PE)	Core cross-section	1.5 mm²
Outside diameter	8 ± 0.2 mm	Cable length	3 m
Shielded	No	Insulation	PP
Colour coding	Green/yellow, black (1), black (2), black (3), black (4)	Sheath material	PUR
Sheathing colour	black	Halogen	No
Temperature range, moving	-30...80 °C	Temperature range, stationary	-40...80 °C
Outer cladding in accordance with UL AWM style	20939 (80 °C / 600 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, 90°	Connection thread	M12 / M12
Housing main material	PUR	Coding	K
Protection degree	IP65, IP67, when screwed in	Contact surface	Gold-plated
LED	No	Rated voltage	600 V
Rated current	16 A	Insulation strength	10^8 Ω
Temperature range of housing	-25...+85 °C	Plugging cycles	≤ 100
Pollution severity	3	jumpered	No

Standards

Connector standard	IEC 61076-2-111	Certificate no. (cULus)	E257571

Classifications

ETIM 6.0	EC001855	eClass 6.2	27-27-92-18
eClass 9.0	27-06-03-11	eClass 9.1	27-06-03-11

Approvals

Approvals	c UL us LISTED
ROHS	Conform

Creation date May 27, 2019 5:28:38 PM CEST

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Technical data

Downloads

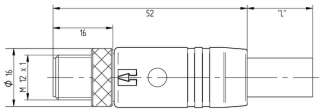
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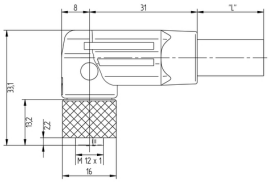
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Drawings

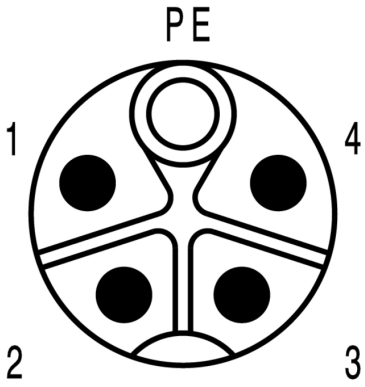
Dimensioned drawing



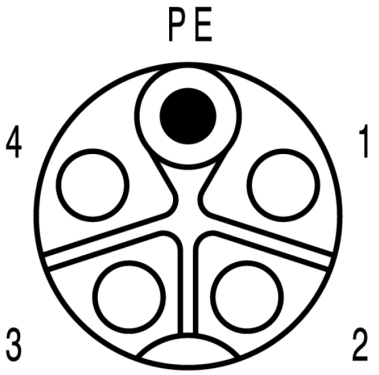
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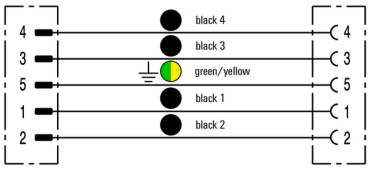
Pole scheme



Pole scheme



Wiring diagram



The ideal tool: Screwty ® with torque function

