

SAIL-M12WM12W-L-0.5PGR**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	Sensor/actuator line, Connecting line, M12 / M12, Number of poles : 5, 0.5 m, pin, 90° - socket 90°; Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	2455300050
Type	SAIL-M12WM12W-L-0.5PGR
GTIN (EAN)	4050118630121
Qty.	1 pc(s).

Creation date April 15, 2021 9:19:30 PM CEST

Catalogue status 09.04.2021 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Net weight 112 g

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Technical specifications for cable

Acceleration	5 m/s ²	Bending cycles	10 Mio
Bending radius, min., moving	7.5 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Cable length	0.5 m	Colour coding	brown, white, blue, black, grey
Configurable cable length	No	Core cross-section	1.5 mm ²
Halogen	No	Insulation	PP
Number of poles	5	Outer cladding in accordance with UL AWM style	20939 (80 °C / 600 V)
Outside diameter	8 mm ± 0.2 mm	Resistant to welding beads	No
Sheath material	PUR	Sheathing colour	grey
Shielded	No	Speed	5 m/s
Suitable for cable carriers	Yes	Temperature range, moving	-30...80 °C
Temperature range, stationary	-40...80 °C		

General technical data

Coding	L	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	IP65, IP67, when screwed in	Rated current	16 A
Rated voltage	50 V	Temperature range of housing	-25...+80 °C
Version	pin, 90° - socket 90°	jumpered	No

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

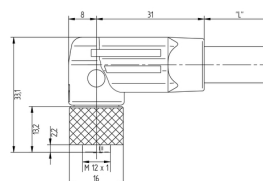
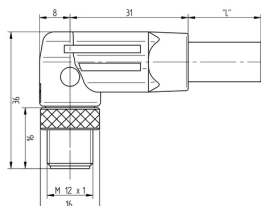
Downloads

Engineering Data	STEP
Product Change Notification	PCN-PB46-20200713-00-A de PCN-PB46-20200713-00-A en
Brochure/Catalogue	Catalogues in PDF-format

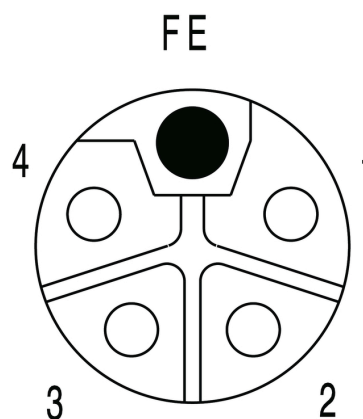
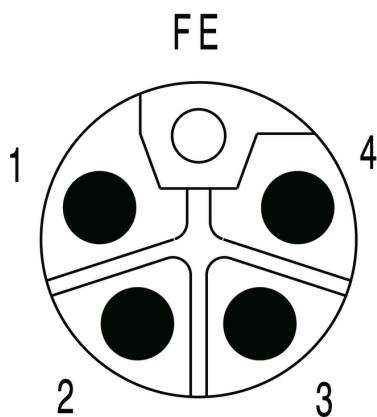
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Drawings

Dimensioned drawing



Pole scheme



The ideal tool: Screwty® with torque function

