

SAIL-M12BG-L-45PGR**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	Sensor/actuator line, One end without connector, M12, Number of poles : 5, 45 m, Female socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	2455334500
Type	SAIL-M12BG-L-45PGR
GTIN (EAN)	4099986897960
Qty.	1 items

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Technical data

Dimensions and weights

Net weight	3400 g
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Technical specifications for cable

Cable length	45 m	Sheathing colour	grey
Suitable for cable carriers	Yes	Core cross-section	1.5 mm ²
Shielded	No	Halogen	No
Insulation	PP	Acceleration	5 m/s ²
Bending radius, min., moving	7.5 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Bending cycles	10 Mio	Speed	5 m/s
Sheath material	PUR	Configurable cable length	No
Outer cladding in accordance with UL AWM style	20939 (80 °C / 600 V)	Irradiation crosslinked	No
Welding spark resistance	No	Colour coding	brown, white, blue, black, pink
Temperature range, stationary	-40...80 °C	Resistant to welding beads	No
Temperature range, moving	-30...80 °C	Number of poles	5
Outside diameter	8 mm ± 0.2 mm		

General technical data

Coding	L-coded	Connection thread	M12
Contact surface	Gold-plated	LED	No
Version	Female socket, straight	Housing main material	PUR
Insulation resistance	108 Ω	Nominal voltage	50 V
Nominal current	16 A	Protection degree	IP65, IP67, when screwed in
Plugging cycles	≤ 100	Pollution severity	3
Temperature range of housing	-40 ... +85 °C	Tightening torque	M12: 0.8 - 1.2 Nm

Electrical properties

Insulation resistance	108 Ω	Nominal voltage	50 V
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General standards

Connector standard	IEC 61076-2-111
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Standards

Connector standard	IEC 61076-2-111
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Plug, left

Plug left	M12, L-coded, Number of poles: 5, female contact, straight, plug, unshielded
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Plug, right

Plug right	Free conductor end
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Classifications

ETIM 8.0	EC001855	ETIM 9.0	EC001855
ETIM 10.0	EC001855	ECLASS 14.0	27-06-03-11

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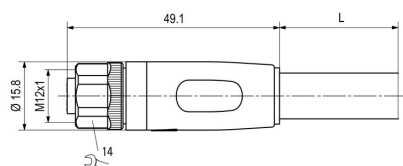
Technical data

ECLASS 15.0

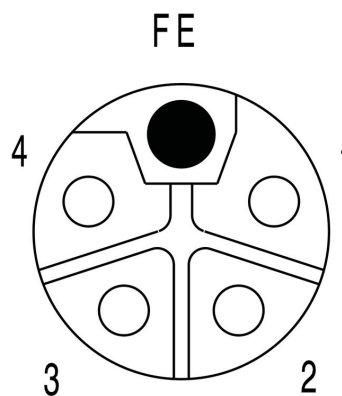
27-06-03-11

Drawings

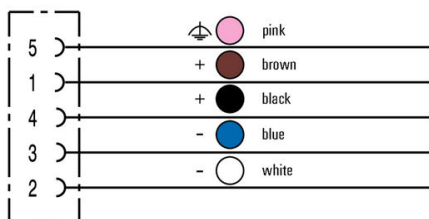
Dimensioned drawing



Pole scheme



Wiring diagram



The ideal tool: Screwty® with torque function

