

**SAIE-M12B-5-1.0U-FP-M16****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Various build-in connectors are required for the connections on the device side of the sensor/actuator cabling. These are available in the versions M12, M8 and M5.

**General ordering data**

Version	Built-in plugs, M12, Female socket, straight, M 16, Number of poles: 5, 1 m, Front mounting
Order No.	<a href="#">1963550000</a>
Type	SAIE-M12B-5-1.0U-FP-M16
GTIN (EAN)	4032248645640
Qty.	1 pc(s).

Creation date March 9, 2023 2:00:20 PM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

Net weight 38 g

## Temperatures

Operating temperature, min. -30 °C Operating temperature, max. 90 °C

## Technical data customisable plug-in connectors

Cable glands	M 16	Coding	A
Contact surface	Gold-plated	Housing main material	Zinc diecast
Number of poles	5	Plugging cycles	≥ 100
Protection degree	IP67, when screwed in	Rated current	4 A (4- and 5-pole)/ 2 A (8-pole)/ 1.5 A (12-pole)
Rated voltage	60 V	Rated voltage	250 V (4-pole)/ 60 V (5-pole)/ 30 V (8 and 12-pole)

## Standards

Connector standard IEC 61076-2-101

## General data

Cable glands	M 16	Cable length	1 m
Coding	A	Conductor O.D.	-
Connection thread	M12	Contact surface	Gold-plated
Core cross-section	0.34 mm <sup>2</sup>	Housing main material	Zinc diecast
Material	PVC	Mounting thread	M 16
Number of poles	5	Plugging cycles	≥ 100
Protection degree	IP67, when screwed in	Rated current	4 A (4- and 5-pole)/ 2 A (8-pole)/ 1.5 A (12-pole)
Rated voltage	60 V	Rated voltage	250 V (4-pole)/ 60 V (5-pole)/ 30 V (8 and 12-pole)
Strand / cable length	1 m	Type of mounting	Front mounting
Wire cross section (Print/Online)	0.34 (4- and 5-pole)/ 0.25 (8-pole)/ 0.14 (12-pole)		

## Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC003570
ETIM 8.0	EC003570	ECLASS 9.0	27-44-01-03
ECLASS 9.1	27-44-01-03	ECLASS 10.0	27-44-01-03
ECLASS 11.0	27-44-01-03	ECLASS 12.0	27-44-01-03

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	4060c755-8d0b-4d43-bdb3-4ffabe9d7497

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**Technical data****Approvals**

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E307231

**Downloads**

Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a>

**Data sheet**

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**Drawings**

**Pole scheme**

