

**SAIE-M12B-5-0.5U-FP-M16****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, Mounting thread: M 16 x 1.5, Number of poles: 5, Strand / cable length: 0.5 m, Front mounting
Order No.	<a href="#">1856110000</a>
Type	SAIE-M12B-5-0.5U-FP-M16
GTIN (EAN)	4032248398973
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Net weight	34 g
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## Technical data customisable plug-in connectors

Coding	A-coded	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	Rated current	4 A (4- and 5-pole)/ 2 A (8-pole)/ 1.5 A (12-pole)
Rated voltage	60 V	Temperature range of housing	-30...+90 °C

## Standards

Connector standard	IEC 61076-2-101
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## General data

Cable length	0.5 m	Coding	A-coded
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 x 1.5	Number of poles	5
Plugging cycles	≥ 100	Protection degree	IP67, when screwed in
Rated current	4 A	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	0.5 m	Temperature range of housing	-30...+90 °C
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	ETIM 9.0	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	ECLASS 13.0	27-44-01-03

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

## Approvals

Approvals



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

Creation date July 2, 2024 11:33:30 PM CEST

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## Technical data

### Downloads

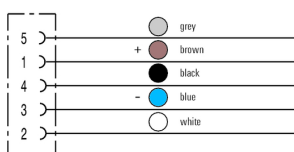
Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

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[www.weidmueller.com](http://www.weidmueller.com)**Drawings****Wiring diagram****Pole scheme**