

**SAIE-M12B-4-0.5U-FP-M16****Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

32760 Detmold

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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: 4, 0.5 m, Front mounting
Order No.	<a href="#">1861190000</a>
Type	SAIE-M12B-4-0.5U-FP-M16
GTIN (EAN)	4032248419265
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Net weight	31 g	www.weidmueller.com
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## Temperatures

Operating temperature, min.	-30 °C	Operating temperature, max.	90 °C
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## Technical data customisable plug-in connectors

Cable glands	M 16	Coding	A
Contact surface	Gold-plated	Housing main material	Zinc diecast
Number of poles	4	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	250 V
Rated voltage	250 V (4-pole)/ 60 V (5-pole)/ 30 V (8 and 12-pole)	Temperature range of housing	-30...+90 °C

## Standards

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

Cable glands	M 16	Cable length	0.5 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	4	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	250 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	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	ebf89fc8-a87f-4691-b87a-dfb9921774b4

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Approvals



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

**Downloads**

Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">WSCAD</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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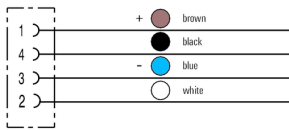
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**Drawings****Wiring diagram****Pole scheme**