

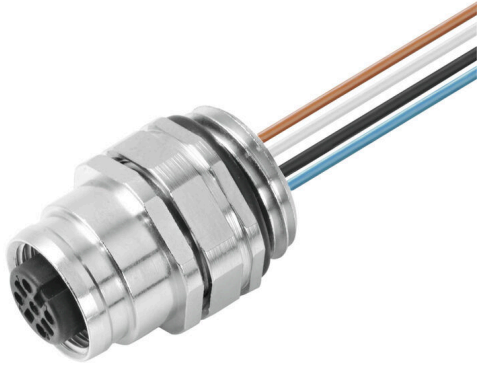
**SAIE-M12B-5-1.5U-FP-M16****Weidmüller Interface GmbH & Co. KG**

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, Mounting thread: M 16 x 1.5, Number of poles: 5, Strand / cable length: 1.5 m, Front mounting
Order No.	<a href="#">1052050000</a>
Type	SAIE-M12B-5-1.5U-FP-M16
GTIN (EAN)	4032248791071
Qty.	1 items

## SAIE-M12B-5-1.5U-FP-M16

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E307231

## Dimensions and weights

Net weight 66 g

## Environmental Product Compliance

RoHS Compliance Status Compliant

REACH SVHC Lead 7439-92-1

SCIP e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

## Technical specifications for cable

PE function	No	Core cross-section	0.34 mm <sup>2</sup>
Wire cross section (Print/Online)	0.34 (4- and 5-pole)/ 0.25 (8-pole)/ 0.14 (12-pole)	Strand / cable length	1.5 m
Colour coding	brown, white, blue, black, grey	Number of poles	5

## Technical data customisable plug-in connectors

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

## Standards

Connector standard IEC 61076-2-101

## General data

Number of poles	5
Coding	A-coded
Connection thread	M12
Contact surface	Gold-plated
Tightening torque	1 Nm
Core cross-section	0.34 mm <sup>2</sup>
Housing main material	Zinc diecast
Type of mounting	Front mounting
Nominal voltage	60 V
Protection degree	IP67, when screwed in
Plugging cycles	≥ 100
Basic material	PVC
Rated voltage	250 V (4-pole)/ 60 V (5-pole)/ 30 V (8 and 12-pole)
Rated current	4 A (4- and 5-pole)/ 2 A (8-pole)/ 1.5 A (12-pole)
Wire cross section (Print/Online)	0.34 (4- and 5-pole)/ 0.25 (8-pole)/ 0.14 (12-pole)

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**Technical data**

Connection 1	M12
Connection 2	Flying wires
Strand / cable length	1.5 m
Mounting thread	M 16 x 1.5
Mounting torque range	2 Nm
Mounting torque	max. 2 Nm
Conductor O.D.	-

**Classifications**

ETIM 8.0	EC003570	ETIM 9.0	EC003570
ETIM 10.0	EC003570	ECLASS 14.0	27-44-01-03
ECLASS 15.0	27-44-01-03		

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**Drawings**

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**Wiring diagram**



**Pole scheme**

