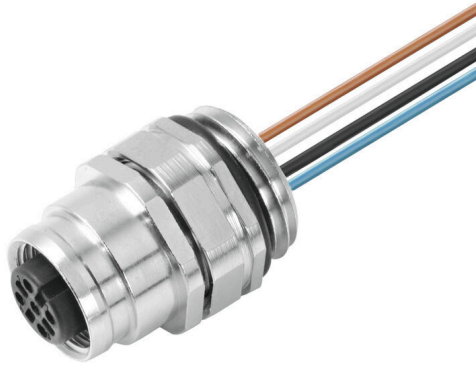


## SAIE-M12B-5-0.5U-FP-M16

**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 items

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## Technical data

### Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate no. (cULus)	E307231

### Dimensions and weights

Net weight	34 g
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### 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	0.5 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	Nominal current	4 A
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)	Temperature range of housing	-30...+90 °C

### Standards

Connector standard	IEC 61076-2-101
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### 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
Nominal current	4 A
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)

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**Technical data**

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)		
Connection 1	M12		
Connection 2	Flying wires		
Strand / cable length	0.5 m		
Mounting thread	M 16 x 1.5		
Mounting torque range	2 Nm		
Mounting torque	max.	2 Nm	
Temperature range of housing	-30...+90 °C		
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		

Wiring diagram



Pole scheme

