

SAIE-M12B-5-0.5U-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: 0.5 m, Front mounting
Order No.	1856110000
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 1	M12
Connection 2	Flying wires	Connection thread	M12
Contact surface	Gold-plated	Core cross-section	0.34 mm ²
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
ETIM 10.0	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	ECLASS 14.0	27-44-01-03
ECLASS 15.0	27-44-01-03		

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1
SCIP	e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

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Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E307231

Downloads

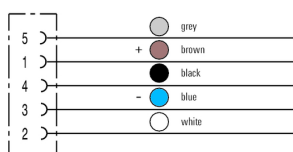
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

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www.weidmueller.com**Drawings****Wiring diagram****Pole scheme**