

SAIE-M12S-8-0.5U-FP-M16**Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

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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, pin, straight, M 16, Number of poles: 8, 0.5 m, Front mounting
Order No.	1861180000
Type	SAIE-M12S-8-0.5U-FP-M16
GTIN (EAN)	4032248419258
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Net weight 33 g

Temperatures

Operating temperature, min. -30 °C

Operating temperature, max. 90 °C

Technical data customisable plug-in connectors

Cable glands	M 16	Coding	A
Contact surface	Gold-plated	Housing main material	Brass, nickel-plated
Number of poles	8	Plugging cycles	≥ 100
Protection degree	IP67, when screwed in	Rated current	2 A
Rated current	4 A (4- and 5-pole)/ 2 A (8-pole)/ 1.5 A (12-pole)	Rated voltage	30 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

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	0.25 mm ²	Housing main material	Brass, nickel-plated
Material	PVC	Mounting thread	M 16
Number of poles	8	Plugging cycles	≥ 100
Protection degree	IP67, when screwed in	Rated current	2 A
Rated current	4 A (4- and 5-pole)/ 2 A (8-pole)/ 1.5 A (12-pole)	Rated voltage	30 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	CAD data – STEP
Engineering Data	WSCAD
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

Data sheet

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Drawings

Wiring diagram



Pole scheme

