

SAIE-M8B-8S-F13SMT**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Similar to illustration**

Weidmüller is one of the industry's leading international providers of connectors. An important mainstay in this product family are the circular connectors, which Weidmüller groups under the product name SAI. In the development of SAI products, Weidmüller engineers have always concentrated on achieving rational, cost-effective installation concepts, and – in cooperation with major users – have supplied the markets with well-conceived products which set standards in terms of functionality and quality across the globe. The best examples are the new power distributors with S and T coded M12. These modules are characterised by particularly high currents and voltages. This enables them to also be used, for example, with three-phase motors.

General ordering data

Version	Built-in plugs, M8, Number of poles: 8, Front mounting
Order No.	2422740000
Type	SAIE-M8B-8S-F13SMT
GTIN (EAN)	4050118430080
Qty.	25 pc(s).

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Technical data

Dimensions and weights

Net weight	7.68 g
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Technical data of PCB plug-in connector

Coding	M8 = none
Housing surface	nickel-plated
Housings	M8 socket
Mounting height	13 mm
Mounting thread	M10
Number of poles	8
Shield connection	Yes
Type of mounting	Front mounting
Rated voltage	30 V
Rated voltage	60 V (3-pole) / 30 V (4-, 5- and 8-pole)
Rated current	1.5 A
Rated current	4 A (3-, 4- and 5-pole) / 1.5 A (8-pole)
Temperature range	-30...80 °C
Protection degree	IP67
Contact surface	Au (Gold)
Housing main material	CuZn, nickel-plated
Connection thread	M8
Tightening torque	M8: 0.5 Nm
Mounting thread	M10
Mounting torque	max. 0.8 Nm
Mounting torque range	0.8 Nm
Insulation strength	100 MΩ
Pollution severity	3 (2 within the sealed area)
Plugging cycles	≥ 100
Contact material	CuZn
Seal material	FPM
Lock nut material	Nickel-plated CuZn
Material of the flange-mounted housing	Nickel-plated CuZn
Grouting material	PUR

General Info

Housing main material	CuZn, nickel-plated	Connection thread	M8
Contact material	CuZn	Contact surface	Au (Gold)
Type of mounting	Front mounting	Protection degree	IP67
Plugging cycles	≥ 100		

Material data

Contact material	CuZn	Contact surface	Au (Gold)
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System parameters

Insulation strength	100 MΩ	Number of poles	8
Pin series quantity	1	Plugging cycles	≥ 100
Protection degree	IP67		

Creation date September 17, 2022 10:00:18 PM CEST

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ETIM 6.0	EC002638	ETIM 7.0	EC003568
ETIM 8.0	EC003568	ECLASS 9.0	27-44-03-09
ECLASS 9.1	27-44-03-09	ECLASS 10.0	27-44-03-09
ECLASS 11.0	27-44-01-10	ECLASS 12.0	27-44-01-10

Approvals

ROHS	Conform
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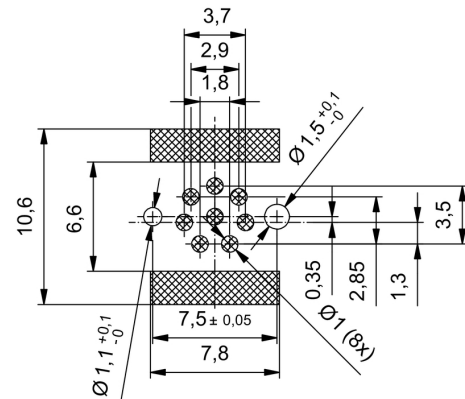
Downloads

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

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Drawings

PCB design



A diagram of a circular object, possibly a cross-section of a fruit or a container. It features a thick outer ring and a thinner inner ring. Inside the inner ring, there are eight small circles arranged in a circular pattern. The outer ring is labeled with numbers 1 through 8 around its perimeter. A vertical line connects the center of the object to the point labeled 8 at the bottom.