

SAIE-M8B-8S-H10TL**Weidmüller Interface GmbH & Co. KG**

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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

Type	SAIE-M8B-8S-H10TL
Order No.	2423730000
Version	Built-in plugs, M8, M 12, Number of poles: 8, Rear panel mounting
GTIN (EAN)	4050118430219
Qty.	25 pc(s).

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Technical data

Dimensions and weights

Net weight	10.28 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	10 mm
Mounting thread	Pin: M8 / Socket: M12	Number of poles	8
Shield connection	No	Type of mounting	Rear panel mounting
Rated voltage	30 V	Rated voltage (text)	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	M 12	Mounting torque range	1.2 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

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		

Classifications

ETIM 6.0	EC002638	ETIM 7.0	EC002638
eClass 9.0	27-44-03-09	eClass 9.1	27-44-03-09
eClass 10.0	27-44-03-09		

Approvals

ROHS	Conform
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Downloads

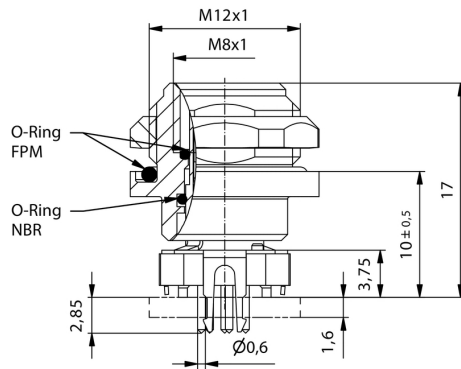
Brochure/Catalogue	FL FIELDWIRING EN
Engineering Data	STEP

SAIE-M8B-8S-H10TL

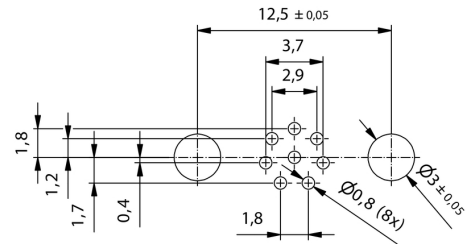
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Drawings

Dimensioned drawing



PCB design



Pole scheme

