SAIE-M8B-3-F9THR

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Similar to illustration



Weidmüller is now 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-3-F9THR
Order No.	2422800000
Version	Built-in plugs, M8, M 12, No. of poles: 3
GTIN (EAN)	4050118430103
Qty.	25 pc(s).

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Technical data

Dimensions and weights

Net weight	8.04 g

Technical data of PCB plug-in connector

Coding	M8 = none	Housing surface	nickel-plated
Housings	M8 socket	Mounting height	9 mm
Mounting thread	M10	No. of poles	3
Shield connection	No	Type of mounting	Front mounting
Rated voltage	60 V	Rated voltage (text)	60 V (3-pole) / 30 V (4-,5- and 8-pole)
Rated current	4 A	Rated current	4 A
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 range	1.2 Nm
Mounting onto the PCB	THT/THR solder connection	Insulation resistance	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)

System parameters

Mounting onto the PCB	THT/THR solder connection	Insulation resistance	100 MΩ
No. of poles	3	Pin series quantity	1
Plugging cycles	≥ 100	Protection degree	IP67

Classifications

ETIM 6.0	EC002638	eClass 6.2	27-26-07-02
eClass 9.1	27-44-03-09		

Approvals

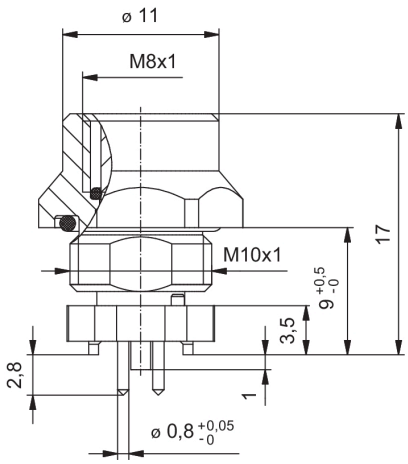
ROHS	Conform

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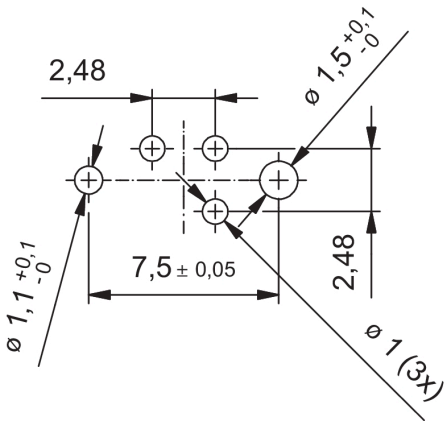
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Drawings

Dimensioned drawing



PCB design



Pole scheme

