SAIE-M8B-3-F13THR

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: 3, Front mounting
Order No.	2422830000
Type	SAIE-M8B-3-F13THR
GTIN (EAN)	4050118429923
Qty.	25 pc(s).

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Technical data

Dimensions and weights

Net weight	7.28 g

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

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	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	max.	0.8 Nm
Mounting torque range	0.8 Nm	
Mounting onto the PCB	THT/THR solder connection	
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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Technical data

System parameters

Mounting onto the PCB	THT/THR solder connection	Insulation strength	100 MΩ
Number of poles	3	Pin series quantity	1
Plugging cycles	≥ 100	Protection degree	IP67

Classifications

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		

Approvals

ROHS	Conform

Downloads

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

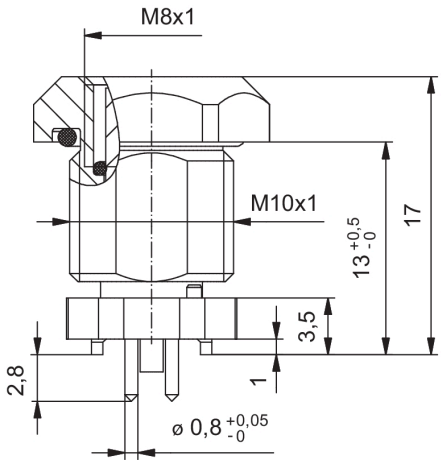
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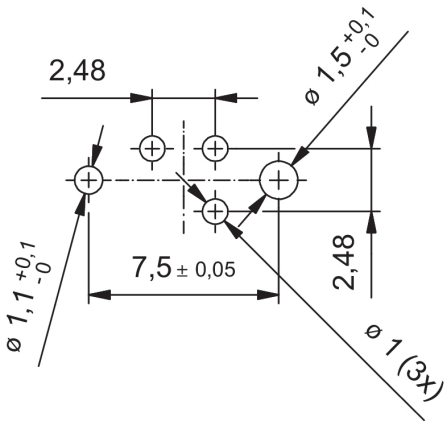
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Drawings

Dimensioned drawing



PCB design



Pole scheme

