



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

Built-in plugs, M8, Mounting thread: M10, Number
of poles: 8, Strand / cable length:
2423310000
SAIE-M8B-8S-F9THR
4050118430189
25 items

1



SAIE-M8B-8S-F9THR



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Technical data

Approvals

ROHS Conform

Dimensions and weights

Net weight 7.71 g

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	0ea6d931-f9e9-40a6-89d9-8d67103189d3

Technical data of PCB plug-in connector

Number of poles	8	
Coding	M8 = none	
Type of mounting	Front mounting	
Housings	M8 socket	
Installation height	9 mm	
Housing surface	nickel-plated	
Shield connection	Yes	
Mounting thread	M10	
Nominal voltage	30 V	
Rated voltage	60 V (3-pole) / 30 V (4-,5- and 8-pole)	
Nominal current	1.5 A	
Rated current	4 A (3-, 4- and 5-pole) / 1.5 A (8-pole)	
Temperature range	-3080 °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	0.8 Nm	
Mounting torque	max.	0.8 Nm
Mounting onto the PCB	THT/THR solder connection	
Insulation resistance	100 ΜΩ	
Pollution severity	3 (2 within the sealed area)	
Plugging cycles	≥ 100	
Contact material	Cu-alloy	
Seal material	FPM	
Lock nut material	Nickel-plated CuZn	
Material of the flange-mounted housing	Nickel-plated CuZn	
Grouting material	PUR	

General Info

Number of poles	8	Housing main material	CuZn, nickel-plated
Connection thread	M8	Contact material	Cu-alloy
Contact surface	Au (Gold)	Type of mounting	Front mounting
Protection degree	IP67	Plugging cycles	≥ 100

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Catalogue status / Drawings 2



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Technical data

Material data			,
Contact material	Cu-alloy	Contact surface	Au (Gold)
System parameters			
Mounting onto the PCB	THT/THR solder connection	Number of poles	8
Pin series quantity	1	Insulation resistance	100 ΜΩ
Protection degree	IP67	Plugging cycles	≥ 100
Important note			
Classifications			
Classifications ETIM 6.0	EC002638	ETIM 7.0	EC003568
	EC002638 EC003568	ETIM 7.0 ETIM 9.0	EC003568 EC003568
ETIM 6.0			
ETIM 6.0 ETIM 8.0	EC003568	ETIM 9.0	EC003568
ETIM 6.0 ETIM 8.0 ETIM 10.0	EC003568 EC003568	ETIM 9.0 ECLASS 9.0	EC003568 27-44-03-09
ETIM 6.0 ETIM 8.0 ETIM 10.0 ECLASS 9.1	EC003568 EC003568 27-44-03-09	ETIM 9.0 ECLASS 9.0 ECLASS 10.0	EC003568 27-44-03-09 27-44-03-09

Catalogue status / Drawings

SAIE-M8B-8S-F9THR



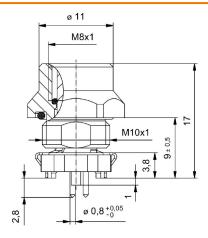
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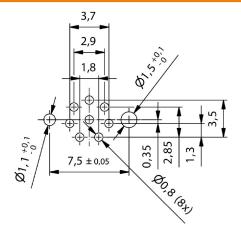
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Drawings

Dimensioned drawing



PCB design



Pole scheme

