

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, Mounting thread: M10, Number of poles: 8, Strand / cable length:
Order No.	<u>2423310000</u>
Туре	SAIE-M8B-8S-F9THR
GTIN (EAN)	4050118430189
Qty.	25 pc(s).



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Technical data

-			
Dım	ensions	and	weights

Net weight	8.76 a

Technical data of PCB plug-in connector

Coding	M8 = none	
Housing surface	nickel-plated	
Housings	M8 socket	
Mounting height	9 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	-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	max.	0.8 Nm
Mounting torque range	0.8 Nm	
Mounting onto the PCB	THT/THR solder connection	
Insulation strength	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

Material data

Plugging cycles

Contact material	Cu-alloy	Contact surface	Au (Gold)
System parameters			
Mounting onto the PCB	THT/THR solder connec- tion	Insulation strength	100 ΜΩ
Number of notes	8	Pin series quantity	1

Protection degree

≥ 100

IP67



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Technical data

Classifications

ETIM 6.0	EC002638	ETIM 7.0	EC003568
ETIM 8.0	EC003568	ETIM 9.0	EC003568
ETIM 10.0	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
ECLASS 13.0	27-44-01-10	ECLASS 14.0	27-44-01-10
ECLASS 15.0	27-44-01-10		

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

Approvals

ROHS	Conform

Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format
Brochures	<u>FL FIELDWIRING EN</u>



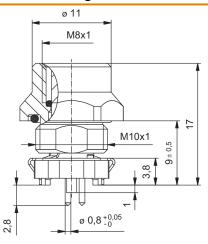
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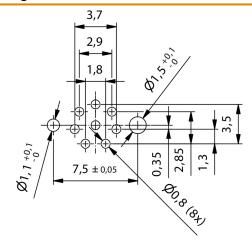
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Drawings

Dimensioned drawing



PCB design



Pole scheme

