

SAID-M12B-5-9SMT

Weidmüller Interface GmbH & Co. KG

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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	SAID-M12B-5-9SMT
Order No.	2422120000
Version	Built-in plugs, M12, Socket connector, No. of poles: 5
GTIN (EAN)	4050118430950
Qty.	25 pc(s).

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Technical data

Dimensions and weights

Net weight 3.44 g

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Technical data of PCB plug-in connector

Coding	A	Housings	M12 socket
No. of poles	5	Shield connection	No
Rated voltage	60 V	Rated voltage (text)	250 V (4-pole) / 60 V (5-pole) / 30 V (8-pole)
Rated current	4 A	Rated current	4 A (4- and 5-pole) / 2 A (8-pole)
Temperature range	-25...95 °C	Protection degree	IP67
Contact surface	Au (Gold)	Housing main material	LCP
Connection thread	M12	Tightening torque	M12: 0.8 Nm
Insulation strength	100 MΩ	Pollution severity	3 (2 within the sealed area)
Plugging cycles	≥ 100	Contact material	CuZn
Lock nut material	Nickel-plated CuZn	Material of the flange-mounted housing	Nickel-plated CuZn

Material data

Contact material CuZn Contact surface Au (Gold)

System parameters

Insulation strength	100 MΩ	No. of poles	5
Pin series quantity	1	Plugging cycles	≥ 100
Protection degree	IP67		

Classifications

ETIM 6.0 EC000438 eClass 6.2 27-26-07-02
eClass 9.1 27-44-02-05

Approvals

ROHS Conform

Downloads

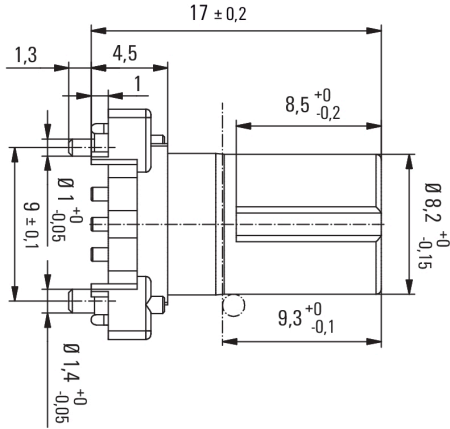
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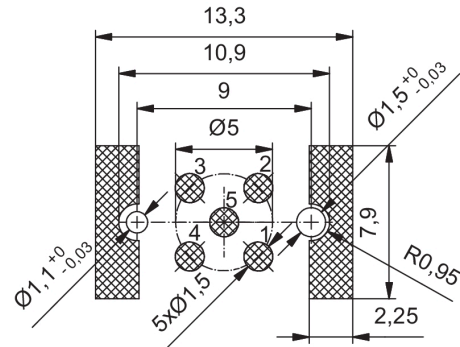
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Drawings

Dimensioned drawing



PCB design



Pole scheme

