SAID-M12B-4S-9SMT



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

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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, M12, Mounting thread: , Number of
	poles: 4, Strand / cable length:
Order No.	2422180000
Туре	SAID-M12B-4S-9SMT
GTIN (EAN)	4050118431292
Qty.	25 items

1



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Technical data

Aр	pro	vals
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ROHS Conform

Dimensions and weights

Net weight 2.4 g

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	Oea6d931-f9e9-40a6-89d9-8d67103189d3

Technical data of PCB plug-in connector

Number of poles	4	Coding	A-coded
Housings	M12 socket	Shield connection	Yes
Nominal voltage	250 V	Nominal current	4 A
Temperature range	-2595 °C	Protection degree	IP67
Contact surface	Au (Gold)	Housing main material	LCP
Connection thread	M12	Tightening torque	M12: 0.8 Nm
Pollution severity	3 (2 within the sealed area)	Plugging cycles	≥ 100
Contact material	Cu-alloy	Lock nut material	Nickel-plated CuZn
Material of the flange-mounte	d housing Nickel-plated CuZn		

General Info

Number of poles	4	UL 94 flammability rating	V-0
Housing main material	LCP	Connection thread	M12
Contact material	Cu-alloy	Contact surface	Au (Gold)
Protection degree	IP67	Plugging cycles	≥ 100

Material data

UL 94 flammability rating	V-0	Contact material	Cu-alloy	
Contact surface	Au (Gold)			

System parameters

Number of poles	4	Pin series quantity	1	
Protection degree	IP67	Plugging cycles	≥ 100	

Important note

Notes

Classifications

ETIM 6.0	EC000438	ETIM 7.0	EC003557
ETIM 8.0	EC003557	ETIM 9.0	EC003557
ETIM 10.0	EC003557	ECLASS 9.1	27-44-02-05
ECLASS 10.0	27-44-02-23	ECLASS 11.0	27-44-02-23
ECLASS 12.0	27-44-02-23	ECLASS 13.0	27-44-02-23
ECLASS 14.0	27-44-02-23	ECLASS 15.0	27-44-02-23

Creation date 30.11.2025 02:29:45 MEZ

Catalogue status / Drawings 2

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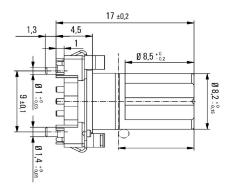
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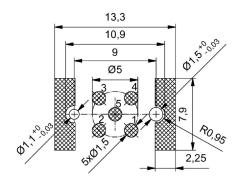
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Drawings

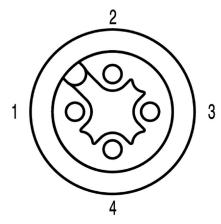
Dimensioned drawing



PCB design



Pole scheme



M12 = A-coded