

SAID-M12SB-5S-9SMT

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16 D-32758 Detmold Germany

Fon: +49 5231 14-0 Fax: +49 5231 14-292083 www.weidmueller.com

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

Туре	SAID-M12SB-5S-9SMT
Order No.	<u>2422780000</u>
Version	Built-in plugs, M12, Pin, No. of poles: 5
GTIN (EAN)	4050118430868
Qty.	25 pc(s).



SAID-M12SB-5S-9SMT

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16 D-32758 Detmold

Germany

Fon: +49 5231 14-0 Fax: +49 5231 14-292083 www.weidmueller.com

Technical data

D	im	ensions	and	weights
_		CHISTOTIS	ullu	wongiita

Net weight	4.16 g

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Technical data of PCB plug-in connector

Coding	В	Housings	M12 pin
No. of poles	5	Shield connection	Yes
Rated voltage	60 V	Rated voltage (text)	250 V (4-pole) / 60 V (5-pole)
Rated current	4 A	Rated 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
Insulation strength	100 ΜΩ	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 ΜΩ	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

Brochure/Catalogue	<u>FL FIELDWIRING EN</u>	
Engineering Data	<u>STEP</u>	



SAID-M12SB-5S-9SMT

Weidmüller Interface GmbH & Co. KG

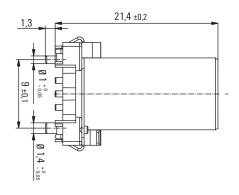
Klingenbergstraße 16 D-32758 Detmold

Germany

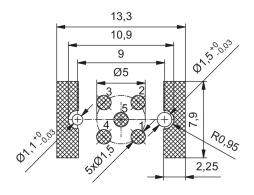
Fon: +49 5231 14-0 Fax: +49 5231 14-292083 www.weidmueller.com

Drawings

Dimensioned drawing



PCB design



Pole scheme

