SAID-M8B-4-SMT

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

Type	SAID-M8B-4-SMT
Order No.	2421840000
Version	Built-in plugs, M8, Socket connector, No. of poles: 4
GTIN (EAN)	4050118429626
Qty.	25 pc(s).

SAID-M8B-4-SMT

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

Dimensions and weights

Net weight	2.48 g

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

Technical data of PCB plug-in connector

Coding	M8 = none	Housings	M8 socket
No. of poles	4	Shield connection	No
Rated voltage	30 V	Rated voltage (text)	60 V (3-pole) / 30 V (4-,5- and 8-pole)
Rated current	4 A	Rated current	4 A (3-, 4- and 5-pole) / 1.5 A (8-pole)
Temperature range	-25...95 °C	Protection degree	IP67
Contact surface	Au (Gold)	Housing main material	LCP
Connection thread	M8	Tightening torque	M8: 0.5 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	4
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

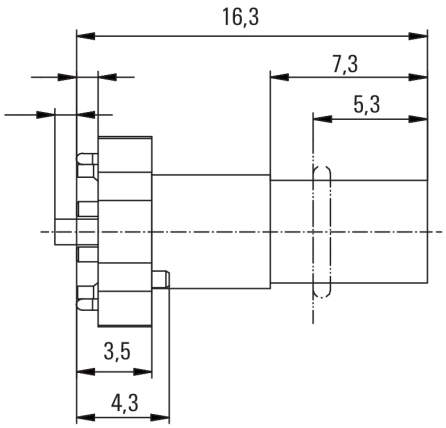
Brochure/Catalogue	FL FIELDWIRING EN

SAID-M8B-4-SMT

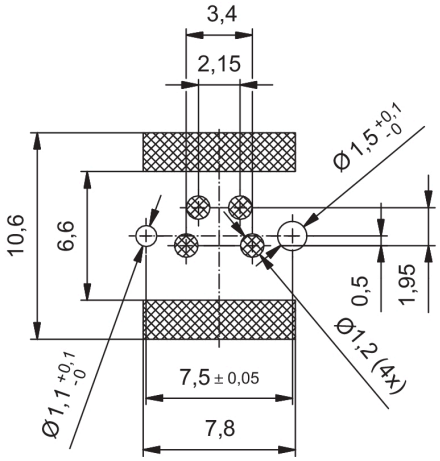
Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Drawings

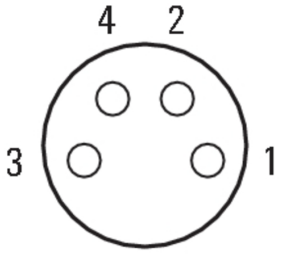
Dimensioned drawing



PCB design



Pole scheme



M8 = none