SAID-M8B-4S-SMT

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, Socket connector, Number of poles: 4
Order No.	2421900000
Type	SAID-M8B-4S-SMT
GTIN (EAN)	4050118429893
Qty.	25 pc(s).

SAID-M8B-4S-SMT

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Dimensions and weights

Net weight	2.72 g

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

Technical data of PCB plug-in connector

Coding	M8 = none	Housings	M8 socket
Number of poles	4	Shield connection	Yes
Rated voltage	30 V	Rated voltage	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
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		

General Info

UL 94 flammability rating	V-0	Housing main material	LCP
Connection thread	M8	Contact material	CuZn
Contact surface	Au (Gold)	Protection degree	IP67
Plugging cycles	≥ 100		

Material data

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

System parameters

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

Classifications

ETIM 6.0	EC000438	ETIM 7.0	EC003557
ETIM 8.0	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		

Approvals

ROHS	Conform

Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN

Creation date September 17, 2022 10:11:37 PM CEST

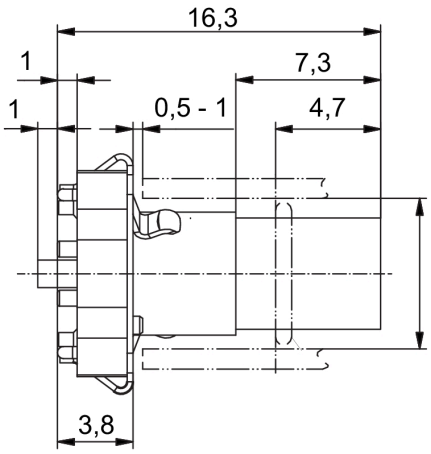
SAID-M8B-4S-SMT

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

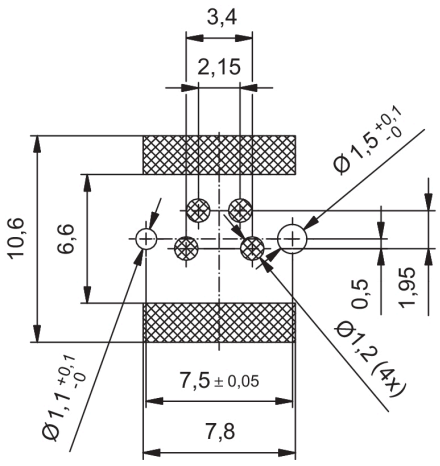
www.weidmueller.com

Drawings

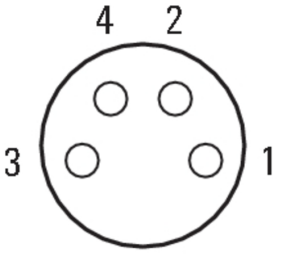
Dimensioned drawing



PCB design



Pole scheme



M8 = none