

SAIB-M-5/8S M12 5P A-COD

Weidmüller Interface GmbH & Co. KG

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Individual cable lengths are often required nowadays. In order to meet these demands, Weidmüller offers a wide range of plug-in connectors for custom assembly.

Male plugs and female socket for customisable assembly for M8, M12, M16 and 7/8" connections which are highly robust and ideally suited to machine engineering, for instance. The M12 plug-in connectors offer a choice of 5 different connection systems.

The screw connection can be used in a wide range of applications. With this technology the conductor, optionally with wire-end ferrules, can be plugged into connection elements and secured with a screw. It is the classic, cheapest form of connection technology that also supports multi-conductor connections.

General ordering data

Type	SAIB-M-5/8S M12 5P A-COD
Order No.	1784750000
Version	Sockets prefabricated to customer spec., M12, Female socket, straight
GTIN (EAN)	4032248191833
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight 49 g

Temperatures

Operating temperature range, max. 85 °C Operating temperature range, min. -25 °C

Technical data customisable plug-in connectors

Cable diameter	4...6 mm (PG7)/ 6...8 mm (PG9)	Cable diameter, max.	8 mm
Cable diameter, min.	6 mm	Cable gland	PG 9
Coding	A	Connection cross-section, max.	0.75 mm ²
Connection cross-section, min.	0.14 mm ²	Contact surface	Gold-plated
Housing main material	CuZn	Insulation resistance	10 ⁸ Ω
No. of poles	5	Plugging cycles	≥ 100
Pollution severity	3	Protection degree	IP67
Rated current	4 A	Rated voltage	125 V
Rated voltage (text)	250 V (4-pole) / 125 V (5-pole)	Shield connection	Yes
Temperature range of housing	-40 ... +85 °C	Threaded ring material	Diecast zinc
Type of connection	Screw connection		

Standards

Certificate No. (cURus) E307231

Classifications

ETIM 3.0	EC002062	ETIM 4.0	EC002635
ETIM 5.0	EC002635	ETIM 6.0	EC002062
UNSPSC	30-21-18-10	eClass 5.1	27-26-07-01
eClass 6.2	27-26-07-02	eClass 7.1	27-44-01-02
eClass 8.1	27-44-01-02	eClass 9.0	27-44-01-02
eClass 9.1	27-44-01-03		

Approvals

Approvals



ROHS Conform

Downloads

Engineering Data [EPLAN, WSCAD, Zuken E3.S](#)