

SAIB-4/7**Weidmüller Interface GmbH & Co. KG**

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Germany

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www.weidmueller.com



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-4/7
Order No.	9457240000
Version	Sockets prefabricated to customer spec., M12, Female socket, straight
GTIN (EAN)	4008190312275
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	25 g
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Temperatures

Operating temperature range, max.	85 V DC (24,25 V DC +- 50 mV) potenzialfrei	Operating temperature range, min.	-25 V DC (24,25 V DC +- 50 mV) potenzialfrei
Operating temperature, max.	85 V DC (24,25 V DC +- 50 mV) potenzialfrei	Operating temperature, min.	-40 V DC (24,25 V DC +- 50 mV) potenzialfrei

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1, Imidazolidine-2-thione 96-45-7
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Technical data customisable plug-in connectors

Cable diameter, max.	6 mm	Cable diameter, min.	4 mm
Cable glands	PG 7	Coding	A
Conductor cross-section, max.	0.75 mm ²	Conductor cross-section, min.	0.14 mm ²
Connection cross-section, max.	0.75 mm ²	Connection cross-section, min.	0.14 mm ²
Contact surface	CuSnZn	Housing main material	PA
Insulation strength	10 ⁸ Ω	Number of poles	4
Plugging cycles	≥ 50	Pollution severity	3
Protection degree	IP67	Rated current	4 A
Rated voltage	250 V	Shield connection	No
Temperature range of housing	-40 ... +85 °C	Threaded ring material	Diecast zinc
Type of connection	Screw connection		

Standards

Connector standard	IEC 61076-2-101	Certificate No. (cURus)	E307231
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Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC002635
eClass 9.0	27-44-01-02	eClass 9.1	27-44-01-03
eClass 10.0	27-44-01-02	UNSPSC	30-21-18-10

Approvals

Approvals



ROHS	Conform
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Downloads

Brochure/Catalogue	CAT 8 SAI 15/16 EN FL FIELDWIRING EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Engineering Data	STEP
User Documentation	Manual

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Drawings

Pole scheme

