SAIB-5/9-(KV)

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
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Germany

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

Version	Field attachable connector, M12, Female socket, straight
Order No.	1007090000
Type	SAIB-5/9-(KV)
GTIN (EAN)	4032248708635
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	17 g

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	Coding	A-coded
Conductor cross-section, max.	0.75 mm²	Conductor cross-section, min.	0.14 mm²
Contact surface	CuSnZn	Housing main material	PA
Insulation strength	10^8 Ω	Number of poles	5
Plugging cycles	≥ 50	Pollution severity	3
Protection degree	IP67	Rated current	4 A
Rated voltage	60 V	Shield connection	No
Temperature range of housing	-40 ... +85 ° C	Threaded ring material	Plastic
Type of connection	Screw connection		

General Info

Number of poles	5	Connection 1	M12
Connection 2	Screw	Housing main material	PA
Connection thread	M12	Contact surface	CuSnZn
Protection degree	IP67	Plugging cycles	≥ 50

Standards

Connector standard	IEC 61076-2-101

Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC002635
ETIM 8.0	EC002635	ETIM 9.0	EC002635
ECLASS 9.0	27-44-01-02	ECLASS 9.1	27-44-01-03
ECLASS 10.0	27-44-01-02	ECLASS 11.0	27-44-01-02
ECLASS 12.0	27-44-01-16	ECLASS 13.0	27-44-01-02
ECLASS 14.0	27-44-01-16		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1 Imidazolidine-2-thione 96-45-7
SCIP	bcee35cf-c0f5-43d2-8daf-65ab0d08641a
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c

Approvals

Approvals

ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E307231

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Technical data

Downloads

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

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Drawings

Pole scheme

