

SAIB-12/9-(TL)**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

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 solder connection provides high contact density on a small area. With this technology the stripped conductor is soldered to the contacts, producing good electrical conductivity.

General ordering data

Version	Field attachable connector, M12, Female socket, straight
Order No.	1924960000
Type	SAIB-12/9-(TL)
GTIN (EAN)	4032248565764
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	24 g
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Technical data customisable plug-in connectors

Cable diameter, max.	8 mm	Cable diameter, min.	6 mm
Coding	A-coded	Conductor cross-section, max.	0.25 mm ²
Conductor cross-section, min.	0.14 mm ²	Contact surface	Gold-plated
Housing main material	PA	Insulation strength	10 ⁸ Ω
Number of poles	12	Plugging cycles	≥ 100
Pollution severity	3	Protection degree	IP67
Rated current	1.5 A	Rated voltage	30 V
Shield connection	No	Temperature range of housing	-40 ... +85 °C
Threaded ring material	Diecast zinc	Type of connection	Solder connection

General Info

Number of poles	12	Connection 1	M12
Connection 2	Solder connection	Housing main material	PA
Connection thread	M12	Contact surface	Gold-plated
Protection degree	IP67	Plugging cycles	≥ 100

Standards

Connector standard	IEC 61076-2-101
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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

