Weidmüller ⟩Ξ

SAIB-12/9-(TL)

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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 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	Sockets prefabricated to customer spec., 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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1, Imidazolidine-2-thione 96-45-7

Technical data customisable plug-in connectors

Cable diameter	6...8 mm (PG9)	Cable diameter, max.	8 mm
Cable diameter, min.	6 mm	Coding	A
Conductor cross-section, max.	0.25 mm²	Conductor cross-section, min.	0.14 mm²
Connection cross-section, max.	0.25 mm²	Connection cross-section, min.	0.14 mm²
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	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

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

Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC002635
ETIM 8.0	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		

Approvals

Approvals	
ROHS	Conform
UL File Number Search	E307231

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Technical data

Downloads

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