

SAIS 5/9-VA-B-COD

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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.

Tension-clamp connection delivers excellent functional security and reduced installation times. With this technology the conductor is plugged into the tension clamp without a wire-end ferrule (optionally with wire-end ferrule). The connection between the conductor and tension clamp is vibration-resistant and boasts long-term stability.

General ordering data

Version	Field attachable connector, M12, pin, straight
Order No.	1920720000
Type	SAIS 5/9-VA-B-COD
GTIN (EAN)	4032248561445
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	45 g	www.weidmueller.com
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Technical data customisable plug-in connectors

Cable diameter	6...8 mm (PG9)	Cable diameter, max.	8 mm
Cable diameter, min.	6 mm	Coding	B
Conductor cross-section, max.	0.5 mm ²	Conductor cross-section, min.	0.25 mm ²
Connection cross-section, max.	0.5 mm ²	Connection cross-section, min.	0.14 mm ²
Contact surface	Gold-plated	Housing main material	1.4404/316L
Insulation strength	10 ⁸ Ω	Number of poles	5
Plugging cycles	≥ 100	Pollution severity	3
Protection degree	IP69K	Rated current	4 A
Rated voltage	60 V	Rated voltage	250 V (4-pole) / 60 V (5-pole)
Shield connection	Yes	Temperature range of housing	-40 ... +85 °C
Threaded ring material	Stainless steel, rust-proof	Type of connection	Tension-clamp connection

General Info

Number of poles	5	Connection 1	M12
Connection 2	Tension-clamp	Description of article	SAIS / SAIB VA
Housing main material	1.4404/316L	Connection thread	M12
Contact surface	Gold-plated	Protection degree	IP69K
Plugging cycles	≥ 100		

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	ECLASS 12.0	27-44-01-16

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	0ea6d931-f9e9-40a6-89d9-8d67103189d3

Approvals

Approvals



ROHS Conform

Downloads

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

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