

**SAIS 5/9-VA-B-COD****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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.

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	Plugs prefabricated to customer spec., M12, pin, straight
Order No.	<a href="#">1920720000</a>
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
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## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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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 <sup>2</sup>	Conductor cross-section, min.	0.25 mm <sup>2</sup>
Connection cross-section, max.	0.5 mm <sup>2</sup>	Connection cross-section, min.	0.14 mm <sup>2</sup>
Contact surface	Gold-plated	Housing main material	1.4404/316L
Insulation strength	10 <sup>8</sup> 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

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		

## Approvals

Approvals



ROHS	Conform
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## Downloads

Engineering Data	<a href="#">WSCAD</a>
User Documentation	<a href="#">Manual</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>