

**SAIS 5/9-VA****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	Field attachable connector, M12, pin, straight
Order No.	<a href="#">1920700000</a>
Type	SAIS 5/9-VA
GTIN (EAN)	4032248561421
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Net weight	44 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.	0.5 mm <sup>2</sup>
Conductor 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
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	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	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
SCIP	0ea6d931-f9e9-40a6-89d9-8d67103189d3
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c

## Approvals

Approvals



ROHS	Conform
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## Downloads

Engineering Data	<a href="#">CAD data – STEP</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>

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**Drawings**

**Pole scheme**

