

**SAIS-5/9-ZF****Weidmüller Interface GmbH & Co. KG**

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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**

Type	SAIS-5/9-ZF
Order No.	<a href="#">1044700000</a>
Version	Plugs prefabricated to customer spec., M12, pin, straight
GTIN (EAN)	4032248777150
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Net weight	20 g
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## Temperatures

Operating temperature range, max.	85 °C	Operating temperature range, min.	-25 °C
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## Environmental Product Compliance

REACH SVHC	Imidazolidine-2-thione 96-45-7
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## Technical data customisable plug-in connectors

Cable diameter, max.	8 mm	Cable diameter, min.	6 mm
Cable glands	PG 9	Coding	A
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	PA
Insulation strength	10 <sup>8</sup> Ω	Number of poles	5
Plugging cycles	≥ 100	Pollution severity	3
Protection degree	IP67	Rated current	4 A
Rated voltage	125 V	Shield connection	No
Temperature range of housing	-40 ... +85 °C	Threaded ring material	Diecast zinc
Type of connection	Tension-clamp connection		

## Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC002635
eClass 9.0	27-44-01-02	eClass 9.1	27-44-01-03
eClass 10.0	27-44-01-02	UNSPSC	30-21-18-01

## Approvals

Approvals



ROHS	Conform
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## Downloads

Brochure/Catalogue	<a href="#">CAT 8 SAI 15/16 EN</a> <a href="#">FL FIELDWIRING EN</a>
Engineering Data	<a href="#">WSCAD</a>
User Documentation	<a href="#">Manual</a>