

**SAISM-8/9S-M12****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.

The screw connection can be used in a wide range of applications. With this technology the conductor, optionally with wire-end ferrules, can be plugged into connection elements and secured with a screw. It is the classic, cheapest form of connection technology that also supports multi-conductor connections.

**General ordering data**

Type	SAISM-8/9S-M12
Order No.	<a href="#">1258940000</a>
Version	Plugs prefabricated to customer spec., M12, pin, straight
GTIN (EAN)	4050118052527
Qty.	1 pc(s).

Creation date August 21, 2020 11:50:01 PM CEST

Catalogue status 14.08.2020 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

Net weight	45 g
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## Temperatures

Operating temperature, max.	85 °C	Operating temperature, min.	-40 °C
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## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1, 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.	0.14 mm <sup>2</sup>
Connection cross-section, max.	0.75 mm <sup>2</sup>	Connection cross-section, min.	0.14 mm <sup>2</sup>
Contact surface	Gold-plated	Housing main material	CuZn
Insulation strength	10 <sup>8</sup> Ω	Number of poles	8
Plugging cycles	≥ 100	Pollution severity	3
Protection degree	IP67	Rated current	2 A
Rated voltage	60 V	Shield connection	Yes
Temperature range of housing	-40 ... +85 °C	Threaded ring material	Diecast zinc
Type of connection	Screw connection		

## Standards

Connector standard	IEC 61076-2-101	Certificate No. (cURus)	E307231
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## 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		

## 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>
User Documentation	<a href="#">Manual</a>

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**Drawings**

**Pole scheme**

