

## SAISW- 5/9

Weidmüller Interfaces GmbH &amp; 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

Version	Field attachable connector, M12, pin, 90&deg;
Order No.	<a href="#">1807370000</a>
Type	SAISW- 5/9
GTIN (EAN)	4032248278596
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Net weight 25 g

## Environmental Product Compliance

REACH SVHC Lead 7439-92-1,  
Imidazolidine-2-thione  
96-45-7

## Technical data customisable plug-in connectors

Cable diameter	4...6 mm (PG7)/ 6...8 mm (PG9)	Cable diameter, max.	8 mm
Cable diameter, min.	6 mm	Coding	A
Conductor cross-section, max.	0.75 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	CuSnZn	Contact surface	CuSnZn (5-pole) / gold plated (8-pole)
Housing main material	PA	Insulation strength	10 <sup>8</sup> Ω
Number of poles	5	Plugging cycles	≥ 50
Pollution severity	3	Protection degree	IP67
Rated current	4 A	Rated voltage	60 V
Rated voltage	250 V (4-pole) / 60 V (5-pole) / 30 V (8-pole)	Shield connection	No
Temperature range of housing	-40 ... +85 °C	Threaded ring material	Diecast zinc
Type of connection	Screw connection		

## General Info

Connection 1	M12	Connection 2	Screw
Description of article	SAISW / SAIBW	Housing main material	PA
Connection thread	M12	Contact surface	CuSnZn
Protection degree	IP67	Plugging cycles	≥ 50

## Standards

Connector standard IEC 61076-2-101

## 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

## Approvals

Approvals

ROHS Conform  
UL File Number Search E307231

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[info@weidmueller.com](mailto:info@weidmueller.com)**Technical data**[www.weidmueller.com](http://www.weidmueller.com)**Downloads**

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

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**Drawings**

**Pole scheme**

