

## SAISW-5/7-(KV)

**Weidmüller Interfaces 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

Version	Field attachable connector, M12, pin, 90&deg;
Order No.	<a href="#">1962610000</a>
Type	SAISW-5/7-(KV)
GTIN (EAN)	4032248644742
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Net weight 19 g

**Temperatures**

Operating temperature, min. -40 °C

Operating temperature, max. 85 °C

**Technical data customisable plug-in connectors**

Cable diameter	4...6 mm (PG7)/ 6...8 mm (PG9)	Cable diameter, max.	6 mm
Cable diameter, min.	4 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	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	Plastic	Type of connection	Screw connection

**General Info**

Number of poles	5	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

**Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E307231

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**Data sheet****SAISW-5/7-(KV)****Weidmüller Interfaces GmbH & Co. KG**

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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>
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**Data sheet**

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**Drawings**

**Pole scheme**

