

**SAIS-5/7**

**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	SAIS-5/7
Order No.	<a href="#">9456940000</a>
Version	Plugs prefabricated to customer spec., M12, pin, straight
GTIN (EAN)	4008 190304935
Qty.	1 pc(s).

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## Technical data

### Dimensions and weights

Net weight 23 g

### Temperatures

Operating temperature range, max.	85 °C	Operating temperature range, min.	-25 °C
Operating temperature, max.	85 °C	Operating temperature, min.	-40 °C

### Environmental Product Compliance

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

### Technical data customisable plug-in connectors

Cable diameter, max.	6 mm	Cable diameter, min.	4 mm
Cable glands	PG 7	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	125 V	Shield connection	No
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

### 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	30-21-18-10

### Approvals

Approvals



ROHS Conform

### Downloads

Brochure/Catalogue	<a href="#">CAT 8 SAI 15/16 EN</a> <a href="#">FL FIELDWIRING EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
User Documentation	<a href="#">Manual</a>

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**Drawings**

**Pole scheme**

