

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

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com



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-5/9
Order No.	1807350000
Version	Plugs prefabricated to customer spec., M12, pin, straight
GTIN (EAN)	4032248278572
Qty.	1 pc(s).

Creation date April 27, 2020 3:17:42 AM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Net weight 24.33 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.	8 mm	Cable diameter, min.	6 mm
Cable glands	PG 9	Coding	A
Conductor cross-section, max.	0.75 mm ²	Conductor cross-section, min.	0.14 mm ²
Connection cross-section, max.	0.75 mm ²	Connection cross-section, min.	0.14 mm ²
Contact surface	CuSnZn	Housing main material	PA
Insulation strength	10 ⁸ 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	CAT 8 SAI 15/16 EN FL FIELDWIRING EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	Manual

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Drawings

Pole scheme

