

## SAIS-M8-3P

**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 sockets for customisable assembly for M8, M12, M16 and 7/8" connections which are highly robust and ideally suited to machine engineering, for instance. The M8 round plug-in connectors are particularly suited to applications where space is limited.

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-M8-3P
Order No.	<a href="#">1803860000</a>
Version	Plugs prefabricated to customer spec., M8, pin, straight
GTIN (EAN)	4032248259847
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Net weight 11 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

## Technical data customisable plug-in connectors

Cable diameter, max.	5 mm	Cable diameter, min.	3.5 mm
Coding	none	Conductor cross-section, max.	0.5 mm <sup>2</sup>
Conductor cross-section, min.	0.14 mm <sup>2</sup>	Connection cross-section, max.	0.5 mm <sup>2</sup>
Connection cross-section, min.	0.14 mm <sup>2</sup>	Contact surface	Gold-plated
Housing main material	PA	Insulation strength	10 <sup>8</sup> Ω
Number of poles	3	Plugging cycles	≥ 50
Pollution severity	3	Protection degree	IP67
Rated current	4 A	Rated voltage	60 V
Shield connection	No	Temperature range of housing	-40 ... +85 °C
Threaded ring material	Diecast zinc	Type of connection	Screw connection

## Standards

Certificate no. (cULus) E307231

## Classifications

ETIM 6.0	EC002062	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>