

**SAIS-3-IDC M8 SMALL****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 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 IDC is simple and quick to assemble since this technology allows the conductor to be inserted directly into the terminal point, without crimping or having to strip the insulation. It also has excellent functional security.

**General ordering data**

Type	SAIS-3-IDC M8 SMALL
Order No.	<a href="#">1784040001</a>
Version	Plugs prefabricated to customer spec., M8, pin, straight
GTIN (EAN)	4032248429998
Qty.	1 pc(s).

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

Net weight 13 g

**Temperatures**

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

**Technical data customisable plug-in connectors**

Cable diameter, max.	5.4 mm	Cable diameter, min.	3.2 mm
Coding	none	Conductor cross-section, max.	0.34 mm <sup>2</sup>
Conductor cross-section, min.	0.14 mm <sup>2</sup>	Connection cross-section, max.	0.34 mm <sup>2</sup>
Connection cross-section, min.	0.14 mm <sup>2</sup>	Contact surface	tinned
Housing main material	CuZn	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	32 V
Shield connection	No	Temperature range of housing	-25...+85 °C
Threaded ring material	Diecast zinc	Type of connection	Insulation displacement connection

**Standards**

Connector standard IEC 61076-2-104

**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>