



**THE DATASHEET OF  
1784040001**



**SAIS-3-IDC M8 SMALL****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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 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**

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

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Catalogue status 09.09.2022 / We reserve the right to make technical changes.

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

Net weight 13 g

**Technical data customisable plug-in connectors**

Cable diameter	3.2...5.4 mm	Cable diameter, max.	5.4 mm
Cable diameter, min.	3.2 mm	Coding	A
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	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	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

**Approvals**

Approvals



ROHS

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**Downloads**

Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

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