

**SAIB-4-IDC-M12 SMALL****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image**

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 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, M12, Female socket, straight
Order No.	<a href="#">1781540001</a>
Type	SAIB-4-IDC-M12 SMALL
GTIN (EAN)	4032248430017
Qty.	1 pc(s).

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## Technical data

### Dimensions and weights

Width	15.3 mm	Width (inches)	0.602 inch
Net weight	22 g		

### Technical data customisable plug-in connectors

Assignment	Pin 1 - 4	Cable diameter	2.9 - 5.1 mm
Cable diameter, max.	5.1 mm	Cable diameter, min.	2.9 mm
Coding	A-coded	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	4	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

### General Info

Number of poles	4	Connection 1	M12
Connection 2	IDC	Description of article	SAIS IDC / SAIB IDC
Housing main material	CuZn	Connection thread	M12
Contact surface	tinned	Protection degree	IP67
Plugging cycles	≥ 50		

### Standards

Connector standard	IEC 61076-2-101
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### Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC002635
ETIM 8.0	EC002635	ETIM 9.0	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	ECLASS 13.0	27-44-01-02

### Approvals

ROHS	Conform
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### Downloads

Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">Zuken E3.S</a>
User Documentation	<a href="#">Manual</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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**Pole scheme**

