

## SAIB-4-IDC-M12 small

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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 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

Type	SAIB-4-IDC-M12 small
Order No.	<a href="#">1781540001</a>
Version	Sockets prefabricated to customer spec., M12, Female socket, straight
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		

## Temperatures

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

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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## Technical data customisable plug-in connectors

Cable diameter, max.	5.1 mm	Cable diameter, min.	2.9 mm
Coding	A	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
No. 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

## Standards

Connector standard	IEC 61076-2-101
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## Classifications

ETIM 3.0	EC002062	ETIM 4.0	EC002635
ETIM 5.0	EC002635	ETIM 6.0	EC002062
UNSPSC	30-21-18-10	eClass 5.1	27-26-07-01
eClass 6.2	27-26-07-02	eClass 7.1	27-44-01-02
eClass 8.1	27-44-01-02	eClass 9.0	27-44-01-02
eClass 9.1	27-44-01-03		

## Approvals

Approvals



ROHS	Conform
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## 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>

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