SAIB-4-IDC-M12 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 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.	1781540001
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

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 mm²
Connection cross-section, min.	0.14 mm²	Contact surface	tinned
Housing main material	CuZn	Insulation resistance	10^8 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

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	EAC
ROHS	Conform

Downloads

Brochure/Catalogue	CAT 8 SAI 15/16 EN FL FIELDWIRING EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	Manual