

SAIB-4-IDC M12**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
Order No.	1781540000
Version	Sockets prefabricated to customer spec., M12, Female socket, straight, {Reference (AttributeDefinition) not found: patr3384105687385}
GTIN (EAN)	4032248172139
Qty.	1 pc(s).
Alternative product	1781540001

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Technical data

Dimensions and weights

Net weight	25 g
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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.	4 mm
Coding	A	Conductor cross-section, max.	0.5 mm ²
Conductor cross-section, min.	0.25 mm ²	Connection cross-section, max.	0.5 mm ²
Connection cross-section, min.	0.25 mm ²	Contact surface	tinned
Housing main material	CuZn	Insulation strength	10 ⁸ 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

Standards

Connector standard	IEC 61076-2-101
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Classifications

ETIM 6.0	EC002635	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
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Downloads

Brochure/Catalogue	FL FIELDWIRING EN
User Documentation	Manual