SAIB-4-IDC-M12 SMALL

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.	1781540001
Type	SAIB-4-IDC-M12 SMALL
GTIN (EAN)	4032248430017
Qty.	1 pc(s).

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SAIB-4-IDC-M12 SMALL

Technical data

Dimensions and weights

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1		

Technical data customisable plug-in connectors

Cable diameter	2.9 - 5.1 mm	Cable diameter, max.	5.1 mm
Cable diameter, min.	2.9 mm	Coding	A
Conductor cross-section, max.	0.34 mm²	Conductor cross-section, min.	0.14 mm²
Connection cross-section, max.	0.34 mm²	Connection cross-section, min.	0.14 mm²
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	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		

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	EAC
ROHS	Conform

SAIB-4-IDC-M12 SMALL

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Technical data

Downloads

Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	Manual
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN
	FL FIELDWIRING EN