

SAISW-4-IDC M12

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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

Version	Field attachable connector, M12, pin, 90°
Order No.	1812870000
Type	SAISW-4-IDC M12
GTIN (EAN)	4032248296422
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight	26 g
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Technical data customisable plug-in connectors

Cable diameter	4...5.1 mm	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	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

Connection 1	M12	Connection 2	IDC
Description of article	SAISW IDC / SAIBW 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	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	
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ROHS	Conform
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Downloads

Engineering Data	CAD data – STEP
Engineering Data	WSCAD
User Documentation	Manual
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN
	FL FIELDWIRING EN