

SAIS-4-IDC M12 SMALL**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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, straight
Order No.	1781550001
Type	SAIS-4-IDC M12 SMALL
GTIN (EAN)	4032248429950
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		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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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 mm ²	Conductor cross-section, min.	0.14 mm ²
Connection cross-section, max.	0.34 mm ²	Connection cross-section, min.	0.14 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	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
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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



ROHS	Conform
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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