

SAIS-2-IDC-M12B-COD**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

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.	1864730000
Type	SAIS-2-IDC-M12B-COD
GTIN (EAN)	4032248430543
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	50 g
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Technical data customisable plug-in connectors

Assignment	Pin 2 + Pin 4	Cable diameter, max.	8.8 mm
Cable diameter, min.	4.5 mm	Coding	B-coded
Conductor cross-section, max.	0.34 mm ²	Conductor cross-section, min.	0.25 mm ²
Contact surface	tinned	Housing main material	CuZn
Insulation strength	10 ⁸ Ω	Number of poles	2
Plugging cycles	≥ 50	Pollution severity	3
Protection degree	IP67	Rated current	4 A
Rated voltage	32 V	Shield connection	Yes
Temperature range of housing	-25...+85 °C	Threaded ring material	Diecast zinc
Type of connection	Insulation displacement connection		

General Info

Number of poles	2	Connection 1	M12
Connection 2	IDC	Description of article	SAIS / SAIB
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	ETIM 9.0	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	ECLASS 13.0	27-44-01-02

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	ebf89fc8-a87f-4691-b87a-dfb9921774b4

Approvals

ROHS	Conform
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Downloads

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

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Drawings

Pole scheme

