

## SAIS-3-4-5-IDC(0.75)M12

Weidmüller Interfaces 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

Version	Field attachable connector, M12, pin, straight
Order No.	<a href="#">1852720000</a>
Type	SAIS-3-4-5-IDC(0.75)M12
GTIN (EAN)	4032248386840
Qty.	1 pc(s).

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**Technical data**
**Dimensions and weights**

Net weight 36 g

**Temperatures**

Operating temperature, min. -25 °C      Operating temperature, max. 85 °C

**Technical data customisable plug-in connectors**

Cable diameter	5.5...8 mm	Cable diameter, max.	8 mm
Cable diameter, min.	5.5 mm	Coding	A
Conductor cross-section, max.	0.75 mm <sup>2</sup>	Conductor cross-section, min.	0.34 mm <sup>2</sup>
Connection cross-section, max.	0.75 mm <sup>2</sup>	Connection cross-section, min.	0.34 mm <sup>2</sup>
Contact surface	tinned	Housing main material	CuZn
Insulation strength	10 <sup>8</sup> Ω	Number of poles	3
Plugging cycles	≥ 50	Pollution severity	3
Protection degree	IP67	Rated current	4 A
Rated voltage	50 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	3	Connection 1	M12
Connection 2	IDC	Description of article	SAIS / B IDC (0.75)
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

**Environmental Product Compliance**

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

**Approvals**

Approvals



ROHS Conform

**Data sheet****SAIS-3-4-5-IDC(0.75)M12****Weidmüller Interfaces GmbH & Co. KG**

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Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">WSCAD</a>
User Documentation	<a href="#">Manual</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>