

**SAIS-4-IDC (0,75) M12****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

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**

Type	SAIS-4-IDC (0,75) M12
Order No.	<a href="#">1852740000</a>
Version	Plugs prefabricated to customer spec., M12, pin, straight
GTIN (EAN)	4032248386864
Qty.	1 pc(s).

Creation date August 18, 2020 1:47:04 AM CEST

Catalogue status 14.08.2020 / We reserve the right to make technical changes.

## SAIS-4-IDC (0,75) M12

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com

## Technical data

### Dimensions and weights

Net weight 38 g

### Temperatures

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

### Environmental Product Compliance

REACH SVHC Lead 7439-92-1

### Technical data customisable plug-in connectors

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	4	Plugging cycles	≥ 50
Pollution severity	3	Protection degree	IP67
Rated current	6 A	Rated voltage	50 V
Shield connection	No	Temperature range of housing	-25...+85 °C
Threaded ring material	Diecast zinc	Type of connection	Insulation displacement connection

### Standards

Connector standard IEC 61076-2-101

### Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC002635
eClass 9.0	27-44-01-02	eClass 9.1	27-44-01-03
eClass 10.0	27-44-01-02	UNSPSC	30-21-18-10

### Approvals

Approvals



ROHS Conform

### Downloads

Brochure/Catalogue	<a href="#">CAT 8 SAI 15/16 EN</a> <a href="#">FL FIELDWIRING EN</a>
Engineering Data	<a href="#">WSCAD</a>
User Documentation	<a href="#">Manual</a>