

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

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

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.	1852740000
Type	SAIS-4-IDC (0,75) M12
GTIN (EAN)	4032248386864
Qty.	1 pc(s).

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

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

www.weidmueller.com

Technical data
Dimensions and weights

Net weight 37 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 ²	Conductor cross-section, min.	0.34 mm ²
Connection cross-section, max.	0.75 mm ²	Connection cross-section, min.	0.34 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	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	4	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-4-IDC (0,75) M12****Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com**Technical data**www.weidmueller.com**Downloads**

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