

SAIS-3-IDC M8 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 sockets for customisable assembly for M8, M12, M16 and 7/8" connections which are highly robust and ideally suited to machine engineering, for instance. The M8 round plug-in connectors are particularly suited to applications where space is limited. 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, M8, pin, straight
Order No.	1784040001
Type	SAIS-3-IDC M8 SMALL
GTIN (EAN)	4032248429998
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	13 g
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Technical data customisable plug-in connectors

Cable diameter	3.2...5.4 mm	Cable diameter, max.	5.4 mm
Cable diameter, min.	3.2 mm	Coding	A-coded
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	3
Plugging cycles	≥ 50	Pollution severity	3
Protection degree	IP67	Rated current	4 A
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		

Standards

Connector standard	IEC 61076-2-104
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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
Engineering Data	Zuken E3.S
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN