

SAI-SA-3-IDC**Weidmüller Interface 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

Type	SAI-SA-3-IDC
Order No.	9457720000
Version	Sensor/Actuator plug-in connector, M12, pin, straight
GTIN (EAN)	4032248154869
Qty.	1 pc(s).

Creation date April 30, 2020 10:19:57 PM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Net weight 13.3 g

Temperatures

Operating temperature range, max.	85 °C	Operating temperature range, min.	-25 °C
Operating temperature, max.	85 °C	Operating temperature, min.	-40 °C

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Technical data customisable plug-in connectors

Cable diameter, max.	5.1 mm	Cable diameter, min.	4 mm
Coding	none	Conductor cross-section, max.	0.5 mm ²
Conductor cross-section, min.	0.25 mm ²	Connection cross-section, max.	0.5 mm ²
Connection cross-section, min.	0.25 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

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	CAT 8 SAI 15/16 EN FL FIELDWIRING EN
User Documentation	Manual