

**SAISWI-P-4A-4/5.1-M12****Weidmüller Interface GmbH & Co. KG**Klingenbergsstraße 26  
D-32758 Detmold  
Germany[www.weidmueller.com](http://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
Order No.	<a href="#">1812870000</a>
Type	SAISWI-P-4A-4/5.1-M12
GTIN (EAN)	4032248296422
Qty.	1 items

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**Technical data****Approvals**

RoHS	Conform
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**Dimensions and weights**

Diameter	15 mm	Net weight	20 g
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**Environmental Product Compliance**

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

**Technical data customisable plug-in connectors**

Number of poles	4	Coding	A-coded
Contact surface	tinned	LED	No
Type of connection	Insulation displacement connection	Housing main material	CuZn
Cable diameter, max.	5.1 mm	Cable diameter, min.	4 mm
Conductor cross-section, max.	0.5 mm <sup>2</sup>	Conductor cross-section, min.	0.25 mm <sup>2</sup>
Nominal voltage	32 V	Nominal current	4 A
Protection degree	IP67	Plugging cycles	≥ 50
Pollution severity	3	Gender of contact	Male
Shield connection	No	Threaded ring material	Diecast zinc
Temperature range of housing	-25...+85 °C		

**General Info**

Number of poles	4	Connection 1	M12
Connection 2	IDC	Description of article	SAISW IDC / SAIBW IDC
UL 94 flammability rating	V-0	Housing main material	CuZn
Connection thread	M12	Contact surface	tinned
Wire connection cross section, finely stranded, min.	0.14 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	0.34 mm <sup>2</sup>
Protection degree	IP67	Plugging cycles	≥ 50

**Standards**

Connector standard	IEC 61076-2-101
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**Classifications**

ETIM 8.0	EC002635	ETIM 9.0	EC002635
ETIM 10.0	EC002635	ECLASS 14.0	27-44-01-16
ECLASS 15.0	27-44-01-16		

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**Drawings**

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**Pole scheme**