

**SAISW-4/8S-M12 4P D-ZF****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Similar to illustration**

M12 plug-in connector in IP 67 available with crew or tension clamp connection

**General ordering data**

Version	Field attachable connector, M12, pin, 90&deg;
Order No.	<a href="#">1803930001</a>
Type	SAISW-4/8S-M12 4P D-ZF
GTIN (EAN)	4032248647958
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Net weight	64 g
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**Technical data customisable plug-in connectors**

Cable diameter	6...8 mm (PG9)	Cable diameter, max.	8 mm
Cable diameter, min.	6 mm	Coding	D-coded
Conductor cross-section, max.	0.5 mm <sup>2</sup>	Conductor cross-section, min.	0.25 mm <sup>2</sup>
Connection cross-section, max.	0.5 mm <sup>2</sup>	Connection cross-section, min.	0.14 mm <sup>2</sup>
Contact surface	Gold-plated	Housing main material	CuZn
Insulation strength	10 <sup>8</sup> Ω	Number of poles	4
Plugging cycles	≥ 100	Pollution severity	3
Protection degree	IP67	Rated current	4 A
Rated voltage	250 V	Shield connection	Yes
Temperature range of housing	-40 ... +85 °C	Threaded ring material	Diecast zinc
Type of connection	Tension-clamp connection		

**General Info**

Number of poles	4	Connection 1	M12
Connection 2	Tension-clamp	Description of article	SAIS-ZF
Housing main material	CuZn	Connection thread	M12
Contact surface	Gold-plated	Protection degree	IP67
Plugging cycles	≥ 100		

**Electrical properties**

Insulation strength	10 <sup>8</sup> Ω	Rated voltage	250 V
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**General standards**

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

Connector standard	IEC 61076-2-101
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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 Imidazolidine-2-thione 96-45-7
SCIP	bcee35cf-c0f5-43d2-8daf-65ab0d08641a

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Approvals**

Approvals



ROHS

Conform

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">GOST Approval</a> <a href="#">PROFINET Manufacturer's Declaration</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

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# Drawings

**Pole scheme**

