

**SAIS-M-4S-IDC-M12-D-COD****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

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

**General ordering data**

Version	Field attachable connector, M12
Order No.	<a href="#">2544780000</a>
Type	SAIS-M-4S-IDC-M12-D-COD
GTIN (EAN)	4050118554762
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Net weight	30 g
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## Technical data customisable plug-in connectors

Cable diameter	5...9.7 mm	Cable diameter, max.	9.7 mm
Cable diameter, min.	5 mm	Coding	D-coded
Conductor cross-section, max.	0.34 mm <sup>2</sup>	Conductor cross-section, min.	0.14 mm <sup>2</sup>
Connection cross-section, max.	0.34 mm <sup>2</sup>	Connection cross-section, min.	0.14 mm <sup>2</sup>
Contact surface	Gold-plated	Housing main material	zinc diecast nickel-plated
Insulation strength	100 MΩ	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	Insulation displacement connection		

## General Info

Number of poles	4	Connection 1	M12
Connection 2	IDC	Housing main material	zinc diecast nickel-plated
Insulation cross-section, max.	1.6	Connection thread	M12
Contact surface	Gold-plated	Wire connection diameter, solid, min.	0.4
Wire connection diameter, solid, max.	0.64	Wire cross-section, solid, min. (AWG)	AWG 24/1
Wire cross-section, solid, max. (AWG)	AWG 22/1	Wire connection diameter, flexible, min.	0.48 mm
Wire connection diameter, flexible, max.	0.78 mm	Wire cross-section, finely stranded, min. (AWG)	AWG 26/7
Wire cross-section, finely stranded, max. (AWG)	AWG 22/7	Sheath diameter, min.	5 mm
Sheath diameter, max.	9.7 mm	Protection degree	IP67
Plugging cycles	≥ 100		

## Electrical properties

Insulation strength	100 MΩ	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

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## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	ebf89fc8-a87f-4691-b87a-dfb9921774b4

## Approvals

Approvals



ROHS	Conform
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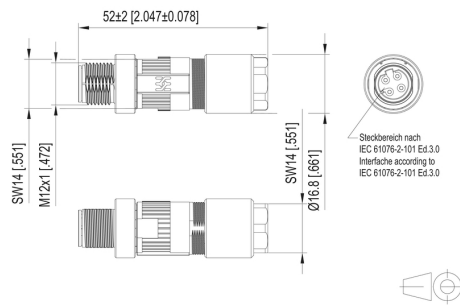
## Downloads

Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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**Drawings****Dimensioned drawing****Pinning**