

SAISGI-M-4D-5/9.7-M12**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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.	2544780000
Type	SAISGI-M-4D-5/9.7-M12
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, max.	9.7 mm	Cable diameter, min.	5 mm
Coding	D-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	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
ETIM 10.0	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	ECLASS 14.0	27-44-01-16
ECLASS 15.0	27-44-01-16		

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Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1
SCIP	ebf89fc8-a87f-4691-b87a-dfb9921774b4

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/
ROHS	Conform

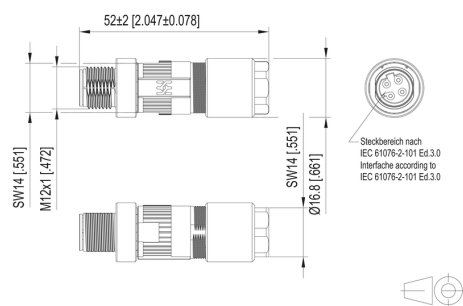
Downloads

Engineering Data	CAD data – STEP
Product Change Notification	Technische Änderung für freikonfektionierbare M8 und M12 Steckverbinder Technical change to field attachable M8 and M12 connectors
Catalogues	Catalogues in PDF-format

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