

SAIBGI-M-4D-5/9.7-M12-WDF

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.	2783150000
Type	SAIBGI-M-4D-5/9.7-M12-WDF
GTIN (EAN)	4064675059875
Qty.	1 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Diameter 16.8 mm Net weight 30 g

Environmental Product Compliance

RoHS Compliance Status Compliant
 REACH SVHC No SVHC above 0.1 wt%

Technical data customisable plug-in connectors

Number of poles	4	Coding	D-coded
Contact surface	Gold-plated	LED	No
Type of connection	Insulation displacement connection	Housing main material	zinc diecast nickel-plated
Insulation resistance	≥ 100 MΩ	Cable diameter, max.	9.7 mm
Cable diameter, min.	5 mm	Category	Cat. 5e
Conductor cross-section, max.	0.34 mm ²	Conductor cross-section, min.	0.14 mm ²
Nominal voltage	250 V	Nominal current	4 A
Protection degree	IP67	Plugging cycles	≥ 100
Pollution severity	2	Gender of contact	Female
Shield connection	Yes	Threaded ring material	Diecast zinc
Temperature range of housing	-40 ... +85 °C		

General Info

Number of poles	4	Connection 1	M12
Connection 2	IDC	UL 94 flammability rating	V-0
Housing main material	zinc diecast nickel-plated	Insulation cross-section, min.	0.85 mm
Insulation cross-section, max.	1.6 mm	Category	Cat. 5e
Connection thread	M12	Contact surface	Gold-plated
Wire connection diameter, solid, min.	0.51 mm	Wire connection diameter, solid, max.	0.64 mm
Wire cross-section, solid, min. (AWG)	AWG 24	Wire cross-section, solid, max. (AWG)	AWG 22
Wire connection diameter, flexible, min.	0.48 mm	Wire connection diameter, flexible, max.	0.76 mm
Wire connection cross section, finely stranded, min.	0.14 mm ²	Wire connection cross section, finely stranded, max.	0.36 mm ²
Wire cross-section, solid, min.	0.2 mm ²	Wire cross-section, solid, max.	0.32 mm ²
Wire cross-section, finely stranded, min. (AWG)	AWG 26	Wire cross-section, finely stranded, max. (AWG)	AWG 22
Protection degree	IP67	Plugging cycles	≥ 100

Electrical properties

Insulation resistance ≥ 100 MΩ Nominal voltage 250 V

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 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		

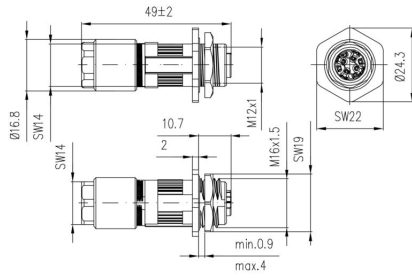
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Drawings

Dimensioned drawing



Pinning

M12 plug

