Data sheet

SAIBGI-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.	2812410000
Type	SAIBGI-M-4D-5/9.7-M12
GTIN (EAN)	4064675295228
Qty.	1 items

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Diameter	16.8 mm	Net weight	25 g

Environmental Product Compliance

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

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 mm²	Conductor cross-section, min.	0.14 mm²
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.	0.4 mm	Wire connection diameter, solid, max.	0.64 mm
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.	0.76 mm
Wire connection cross section, finely stranded, min.	0.14 mm²	Wire connection cross-section, finely stranded, max.	0.36 mm²
Wire cross-section, solid, min.	0.2 mm²	Wire cross-section, solid, max.	0.32 mm²
Wire cross-section, finely stranded, min. (AWG)	AWG 26/7	Wire cross-section, finely stranded, max. (AWG)	AWG 22/7
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

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		

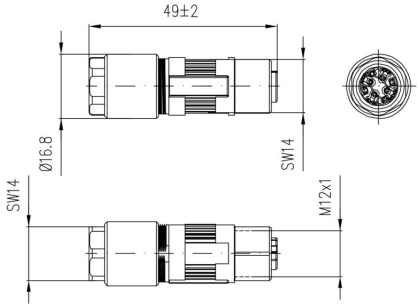
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Drawings

Dimensioned drawing



Pinning

