Data sheet

SAIBGS-P-4A-8/10-M12

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



Your peripheral devices should be supplied with greater power. With our new M12 plug-in connector, more than 250 V and 2 A is possible without problems. The compact A-, K-, L-, S- and T-coded M12 plug-in connectors are designed for the transmission of up to 630 V AC or 60 V DC and 12 A.

General ordering data

Version	Field attachable connector, M12
Order No.	1353730000
Type	SAIBGS-P-4A-8/10-M12
GTIN (EAN)	4050118156614
Qty.	1 items

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Width	58 mm	Width (inches)	2.2835 inch
Diameter	20.2 mm	Net weight	25.94 g

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	1c533b66-fcff-4da5-b89f-fd55fbf5cb55

Technical data customisable plug-in connectors

Number of poles	4	Coding	A-coded
Contact surface	Gold-plated	LED	No
Type of connection	Screw connection	Housing main material	PA
Insulation resistance	108 Ω	Cable diameter, max.	10 mm
Cable diameter, min.	8 mm	Contact material	CuZn
Conductor cross-section, max.	1.5 mm²	Conductor cross-section, min.	0.14 mm²
Nominal voltage	250 V	Nominal current	8 A
Protection degree	IP67	Plugging cycles	≥ 100
Pollution severity	3	Cable gland	PG 11
Rated current	Contacts 1-4 8A, contact 5 2A	Gender of contact	Female
Shield connection	No	Threaded ring material	Diecast zinc
Temperature range of housing	-40 … +85 ° C	Connection cross-section, max.	1.5 mm²
Connection cross-section, min.	0.5 mm²		

General Info

Number of poles	4	Connection 1	M12
Connection 2	Screw	Housing main material	PA
Connection thread	M12	Contact material	CuZn
Contact surface	Gold-plated	Wire connection cross section, finely stranded, min.	0.14 mm²
Wire connection cross-section, finely stranded, max.	1.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.14 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1.5 mm²	Wire cross-section, solid, min.	0.14 mm²
Wire cross-section, solid, max.	1.5 mm²	Contact holder materials	PA
Protection degree	IP67	Plugging cycles	≥ 100

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

Pole scheme

