Data sheet

SAIBGS-P-5A-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.	1353750000
Type	SAIBGS-P-5A-8/10-M12
GTIN (EAN)	4050118156461
Qty.	1 items

Data sheet

SAIBGS-P-5A-8/10-M12

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

www.weidmueller.com

Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E307231

Dimensions and weights

Width	58 mm	Width (inches)	2.2835 inch
Diameter	20.2 mm	Net weight	28 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	5	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	60 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		

General Info

Number of poles	5	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

SAIBGS-P-5A-8/10-M12

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

www.weidmueller.com

Technical data

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		

Weidmüller

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

www.weidmueller.com

Drawings

Pole scheme

