Data sheet

SAIBGP-P-5L-8/13-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.	3119510000
Type	SAIBGP-P-5L-8/13-M12
GTIN (EAN)	4099987254175
Qty.	1 items

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Technical data

Approvals

ROHS	Conform

Dimensions and weights

Width	67 mm	Width (inches)	2.6378 inch
Diameter	23 mm	Net weight	90 g

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Technical data customisable plug-in connectors

Number of poles	5	
Coding	L-coded	
Contact surface	Ni/Au	
LED	No	
Type of connection	PUSH IN	
Housing main material	zinc diecast nickel-plated, PA 66	
Cable diameter, max.	13 mm	
Cable diameter, min.	8 mm	
Contact material	CuSn	
Conductor cross-section, max.	2.5 mm²	
Conductor cross-section, min.	1.5 mm²	
Nominal voltage	63 V	
Nominal current	16 A	
Protection degree	IP67	
Plugging cycles	≥ 100	
Pollution severity	3	
Gender of contact	Female	
Rated voltage	Rated voltage	63 V
	Voltage type	DC
Shield connection	No	
Threaded ring material	Diecast zinc	
Temperature range of housing	-40 … +85 ° C	
Mounting position, installation notice	The connector pin assignment can be rotated 45° to the cable outlet	

General Info

Number of poles	5	Connection 1	M12
Connection 2	PUSH IN	UL 94 flammability rating	V-0
Housing main material	zinc diecast nickel-plated, PA 66	Connection thread	M12
Contact material	CuSn	Contact surface	Ni/Au
Wire cross-section, solid, min. (AWG)	AWG 16	Wire cross-section, solid, max. (AWG)	AWG 14
Wire connection cross section, finely stranded, min.	1.5 mm²	Wire connection cross-section, finely stranded, max.	2.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm²
Wire cross-section, solid, min.	1.5 mm²	Wire cross-section, solid, max.	2.5 mm²
Wire cross-section, finely stranded, min. (AWG)	AWG 16	Wire cross-section, finely stranded, max. (AWG)	AWG 14
Shielding	No	Protection degree	IP67
Plugging cycles	≥ 100		

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Technical data

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		

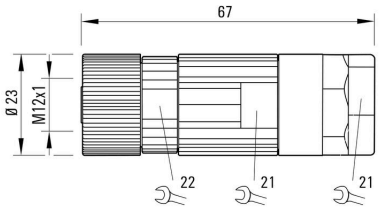
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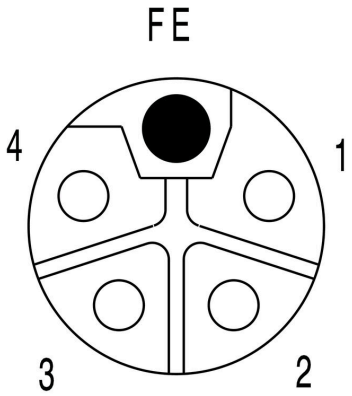
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Drawings

Dimensioned drawing



Pole scheme





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Drawings

