Data sheet

SAIBGI-M-5L-5.8/13.5-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 socket
Order No.	2530760000
Type	SAIBGI-M-5L-5.8/13.5-M12
GTIN (EAN)	4050118540581
Qty.	1 items

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Technical data

Approvals

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

Dimensions and weights

Diameter	24.5 mm	Net weight	49 g

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	ebf89fc8-a87f-4691-b87a-dfb9921774b4

Technical data customisable plug-in connectors

Number of poles	5	Coding	L-coded
Contact surface	Au (Gold)	LED	No
Type of connection	Insulation displacement connection (IDC)	Housing main material	Zinc diecast
Cable diameter, max.	13.5 mm	Cable diameter, min.	5.8 mm
Contact material	Cu	Conductor cross-section, max.	1.5 mm²
Conductor cross-section, min.	0.75 mm²	Nominal voltage	63 V
Nominal current	12 A	Protection degree	IP67, when screwed in
Plugging cycles	500	Pollution severity	3
Rated current	12 A	Gender of contact	Female
Shield connection	Yes	Threaded ring material	Diecast zinc
Temperature range of housing	-40 … +85 ° C		

General Info

Number of poles	5	Connection 1	M12
Connection 2	IDC	Housing main material	Zinc diecast
Connection thread	M12 socket	Contact material	Cu
Contact surface	Au (Gold)	Wire connection cross section, finely stranded, min.	0.75 mm²
Wire connection cross-section, finely stranded, max.	1.5 mm²	Protection degree	IP67, when screwed in
Plugging cycles	500		

Standards

Connector standard	IEC 61076-2-111	Fire safety for railway vehicles	DIN EN 45545-2

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

