

**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.	<a href="#">2530760000</a>
Type	SAIBGI-M-5L-5.8/13.5-M12
GTIN (EAN)	4050118540581
Qty.	1 items

## SAIBGI-M-5L-5.8/13.5-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	<a href="#">UL Website</a>
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 mm <sup>2</sup>
Conductor cross-section, min.	0.75 mm <sup>2</sup>	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 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	1.5 mm <sup>2</sup>	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		

**SAIBGI-M-5L-5.8/13.5-M12**

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

**Drawings**

[www.weidmueller.com](http://www.weidmueller.com)

**Dimensioned drawing**

