Data sheet

SAIBGC-M-5L-5.8/13.5-M12-CF

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.	2525620000
Type	SAIBGC-M-5L-5.8/13.5-M12-CF
GTIN (EAN)	4050118536935
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

Net weight	39 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	Gold-plated	Type of connection	Crimp connection
Housing main material	Zinc diecast	Cable diameter, max.	13.5 mm
Cable diameter, min.	5.8 mm	Contact material	Cu
Conductor cross-section, max.	2.5 mm²	Conductor cross-section, min.	0.5 mm²
Nominal voltage	63 V	Nominal current	16 A
Protection degree	IP67, when screwed in	Plugging cycles	500
Pollution severity	3	Rated current	16 A
Shield connection	Yes	Threaded ring material	Diecast zinc
Temperature range of housing	-40 ... +85 ° C	Connection cross-section, max.	1.5 mm²
Connection cross-section, min.	0.75 mm²		

General Info

Number of poles	5	Connection 1	M12
Connection 2	Crimp	Housing main material	Zinc diecast
Connection thread	M12 socket	Contact material	Cu
Contact surface	Gold-plated	Protection degree	IP67, when screwed in
Plugging cycles	500		

Standards

Connector standard	IEC 61076-2-111

Important note

Product information	Enclosures, inserts and crimp contacts need to be ordered separately. 4 x Crimp contact, Socket / 1 x Crimp contact, Pin (FE) for FE-Function.

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		

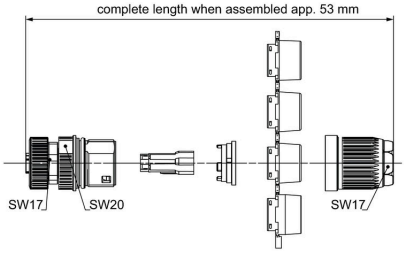
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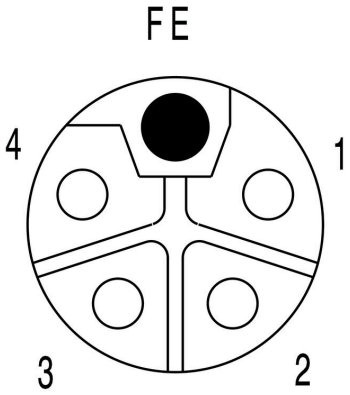
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Drawings

Dimensioned drawing



Pole scheme



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Accessories

Contacts



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General ordering data

Type	SAI-M12L-KBC-0.5	Version
Order No.	2530990000	Crimp contact
GTIN (EAN)	4050118541106	
Qty.	50 ST	
Type	SAI-M12L-KBC-0.75	Version
Order No.	2531000000	Crimp contact
GTIN (EAN)	4050118541113	
Qty.	50 ST	
Type	SAI-M12L-KBC-1.5	Version
Order No.	2531010000	Crimp contact
GTIN (EAN)	4050118541120	
Qty.	50 ST	
Type	SAI-M12L-KBC-2.5	Version
Order No.	2525650000	Crimp contact
GTIN (EAN)	4050118537000	
Qty.	50 ST	
Type	SAI-M12L-KSC-0.5FE	Version
Order No.	2530960000	Crimp contact
GTIN (EAN)	4050118541076	
Qty.	50 ST	
Type	SAI-M12L-KSC-0.75FE	Version
Order No.	2530970000	Crimp contact
GTIN (EAN)	4050118541083	
Qty.	50 ST	
Type	SAI-M12L-KSC-1.5FE	Version
Order No.	2530980000	Crimp contact
GTIN (EAN)	4050118541090	
Qty.	50 ST	
Type	SAI-M12L-KSC-2.5FE	Version
Order No.	2525660000	Crimp contact
GTIN (EAN)	4050118537017	
Qty.	50 ST	