

SAISGC-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 plug
Order No.	2531020000
Type	SAISGC-M-5L-5.8/13.5-M12-CF
GTIN (EAN)	4050118541137
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	43 g
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Technical data customisable plug-in connectors

Cable diameter, max.	13.5 mm	Cable diameter, min.	5.8 mm
Coding	L-coded	Conductor cross-section, max.	2.5 mm ²
Conductor cross-section, min.	0.5 mm ²	Connection cross-section, max.	1.5 mm ²
Connection cross-section, min.	0.75 mm ²	Contact material	Cu
Contact surface	Gold-plated	Housing main material	Zinc diecast
Number of poles	5	Plugging cycles	500
Pollution severity	3	Protection degree	IP67, when screwed in
Rated current	16 A	Rated current	16 A
Rated voltage	63 V	Shield connection	Yes
Temperature range of housing	-40 ... +85 °C	Threaded ring material	Diecast zinc
Type of connection	Crimp connection		

General Info

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

Standards

Connector standard	IEC 61076-2-111
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Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC002635
ETIM 8.0	EC002635	ETIM 9.0	EC002635
ETIM 10.0	EC002635	ECLASS 9.0	27-44-01-02
ECLASS 9.1	27-44-01-03	ECLASS 10.0	27-44-01-02
ECLASS 11.0	27-44-01-02	ECLASS 12.0	27-44-01-16
ECLASS 13.0	27-44-01-02	ECLASS 14.0	27-44-01-16
ECLASS 15.0	27-44-01-16		

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/
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ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E307231

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www.weidmueller.com**Technical data****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

Important note

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

Engineering Data	CAD data – STEP
Product Change Notification	Technische Änderung für freikonfektionierbare M8 und M12 Steckverbinder Technical change to field attachable M8 and M12 connectors
Catalogues	Catalogues in PDF-format

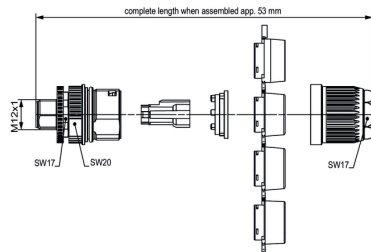
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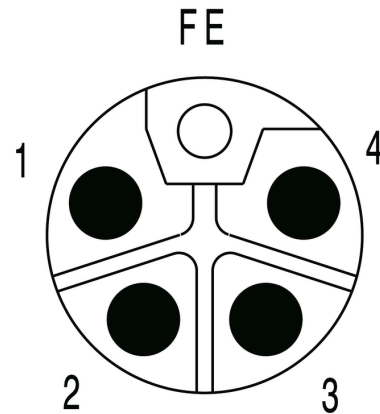
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Drawings

Dimensioned drawing



Pole scheme



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Accessories

Contacts



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General ordering data

Type	SAI-M12L-KSC-2.5	Version
Order No.	2530950000	Crimp contact
GTIN (EAN)	4050118541069	
Qty.	50 pc(s).	
Type	SAI-M12L-KSC-0.5	Version
Order No.	2530920000	Crimp contact
GTIN (EAN)	4050118541038	
Qty.	50 pc(s).	
Type	SAI-M12L-KSC-1.5	Version
Order No.	2530940000	Crimp contact
GTIN (EAN)	4050118541052	
Qty.	50 pc(s).	
Type	SAI-M12L-KSC-0.75	Version
Order No.	2530930000	Crimp contact
GTIN (EAN)	4050118541045	
Qty.	50 pc(s).	

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 pc(s).	
Type	SAI-M12L-KBC-1.5	Version
Order No.	2531010000	Crimp contact
GTIN (EAN)	4050118541120	
Qty.	50 pc(s).	

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Type	SAI-M12L-KBC-0.75	Version
Order No.	2531000000	Crimp contact
GTIN (EAN)	4050118541113	
Qty.	50 pc(s).	
Type	SAI-M12L-KBC-2.5	Version
Order No.	2525650000	Crimp contact
GTIN (EAN)	4050118537000	
Qty.	50 pc(s).	