

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com



Individual cable lengths are often required nowadays. In order to meet these demands, Weidmüller offers a wide range of plug-in connectors for custom assembly. Male plugs and female socket for customisable assembly for M8, M12, M16 and 7/8" connections which are highly robust and ideally suited to machine engineering, for instance. The M12 plug-in connectors offer a choice of 5 different connection systems.

The crimp connection is characterised by high functional reliability. With this connection technology, the conductor is crimped to the contact and then engaged in the contact carrier. The connection between the conductor and crimp is vibration-resistant and boasts long-term stability. Crimp contacts are to be ordered separately.

General ordering data

Version	Field attachable connector, M12	
Order No.	<u>2968410000</u>	
Туре	SAISWC-M-5B-4/9-M12-CG	
GTIN (EAN)	4099986781023	
Qty.	1 items	

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Catalogue status / Drawings





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Technical data

Diameter	15 mm	Net weight	35 g
Technical data customisable _l	olug-in connectors		
Number of poles	5	Coding	B-coded
Contact surface	Gold-plated	LED	No
	<u> </u>		Cu alloy Ni plated
Type of connection	Crimp connection 9 mm	Housing main material	
Cable diameter, max.		Cable diameter, min.	4 mm
Conductor cross-section, max.	0.82 mm ²	Conductor cross-section, min.	0.08 mm ²
Nominal voltage	50 V	Nominal current	4 A
Protection degree	IP67, when screwed in	Plugging cycles	≥ 250
Pollution severity	3	Gender of contact	Female
Shield connection	Yes	Threaded ring material	Brass, nickel-plated
Temperature range of housing	-40 +85 ° C		
General Info			
Number of poles	5	Connection 1	M12
Number of poles Connection 2			V-0
* - : : : : - : : : : - : : : : : : : :	Crimp	UL 94 flammability rating	
Housing main material	Cu alloy Ni plated	Connection thread	M12
Contact surface	Gold-plated	Wire connection cross section, finely stranded, min.	0.08 mm ²
Wire connection cross section, finely stranded, max.	0.82 mm ²	Protection degree	IP67, when screwed in
Plugging cycles	≥ 250		
Standards			
Connector standard	IEC 61076-2-101	Fire safety for railway vehicles	EN 45545 HL3
Shock and vibration proof according to			
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
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ECLASS 15.0

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27-44-01-16



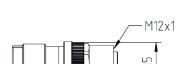
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Drawings

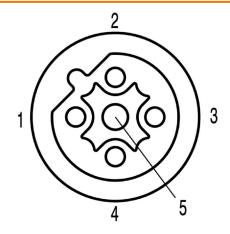
Dimensioned drawing



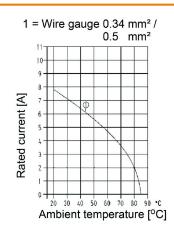


Dimensioned drawing

Pole scheme



Derating curve





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Accessories

Shield cable gland



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Crimp contacts are to be ordered separately.

General ordering data

Туре	SAI-M12-KBC-18/20	Version
Order No.	<u>2664860000</u>	Contact
GTIN (EAN)	4050118755206	
Qty.	100 ST	
Туре	SAI-M12-KBC-20/22	Version
Order No.	2664870000	Contact
GTIN (EAN)	4050118755213	
Qty.	100 ST	
Туре	SAI-M12-KBC-22/24	Version
Order No.	2673730000	Contact
GTIN (EAN)	4050118754599	
Qty.	100 ST	
Туре	SAI-M12-KBC-26/28	Version
Order No.	<u>2673740000</u>	Contact
GTIN (EAN)	4050118755084	
Qty.	100 ST	

...for M12



Weidmüller offers a wide range of tools and accessories for sensor-actuator cabling.

General ordering data

Туре	SAI-TMCSK	Version
Order No.	<u>1381690000</u>	Pressing tool, 4-indent crimp
GTIN (EAN)	4050118183870	
Qty.	1 ST	

Creation date 28.11.2025 12:25:03 MEZ

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