

**SAIBWC-5-18/28-4/9CG****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, Socket, angled
Order No.	<a href="#">2664830000</a>
Type	SAIBWC-5-18/28-4/9CG
GTIN (EAN)	4050118765267
Qty.	1 pc(s).

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Net weight 30.5 g

**Technical data customisable plug-in connectors**

Cable diameter	4...9 mm	Cable diameter, max.	9 mm
Cable diameter, min.	4 mm	Coding	A-coded
Conductor cross-section, max.	0.75 mm <sup>2</sup>	Conductor cross-section, min.	0.08 mm <sup>2</sup>
Contact surface	Gold-plated	Housing main material	CuZn
Number of poles	5	Plugging cycles	≥ 500
Pollution severity	3	Protection degree	IP67
Rated current	4 A	Rated voltage	50 V
Shield connection	Yes	Temperature range of housing	-40 ... +85 °C
Threaded ring material	Brass, nickel-plated	Type of connection	Crimp connection

**General Info**

Number of poles	5	Connection 1	M12
Connection 2	Crimp	Housing main material	CuZn
Connection thread	M12	Contact surface	Gold-plated
Protection degree	IP67	Plugging cycles	≥ 500

**Standards**

Connector standard	IEC 61076-2-101	Fire safety for railway vehicles	According to EN 45545, HL1 - HL3
Shock and vibration proof according to	DIN EN 61373 KAT2 (Bogie), DIN EN 61373 Class 1B**		

**Classifications**

ETIM 6.0	EC002635	ETIM 7.0	EC002635
ETIM 8.0	EC002635	ETIM 9.0	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

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
SCIP	ebf89fc8-a87f-4691-b87a-dfb9921774b4
RoHS Compliance Status	Compliant

**Approvals**

ROHS	Conform
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**Downloads**

Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

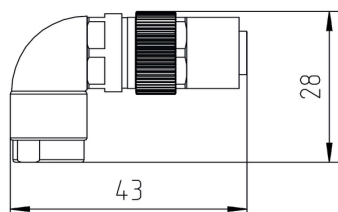
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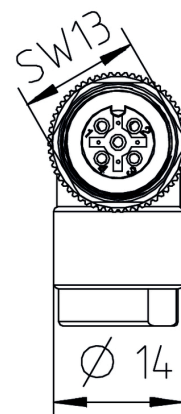
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## Drawings

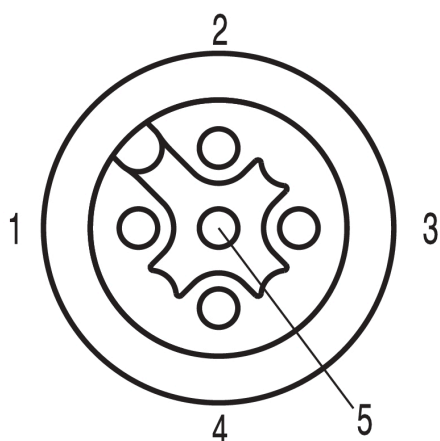
### Dimensioned drawing



### Dimensioned drawing



### Pole scheme



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## Accessories

## ...for M12



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

## General ordering data

Type	SAI-TMCSK	Version
Order No.	<a href="#">1381690000</a>	Pressing tool, 4-indent crimp
GTIN (EAN)	4050118183870	
Qty.	1 pc(s).	

## Crimp contacts



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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

Type	SAI-M12-KBC-22/24	Version
Order No.	<a href="#">2673730000</a>	Contact, Socket connector
GTIN (EAN)	4050118754599	
Qty.	100 pc(s).	
Type	SAI-M12-KBC-18/20	Version
Order No.	<a href="#">2664860000</a>	Contact, Socket connector
GTIN (EAN)	4050118755206	
Qty.	100 pc(s).	
Type	SAI-M12-KBC-20/22	Version
Order No.	<a href="#">2664870000</a>	Contact, Socket connector
GTIN (EAN)	4050118755213	
Qty.	100 pc(s).	

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## Accessories

Type	SAI-M12-KBC-26/28	Version
Order No.	<a href="#">2673740000</a>	Contact, Socket connector
GTIN (EAN)	4050118755084	
Qty.	100 pc(s).	