

**SAISGC-M-4D-7.1/7.5-M12-CF****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.	<a href="#">1380540000</a>
Type	SAISGC-M-4D-7.1/7.5-M12-CF
GTIN (EAN)	4050118182361
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Net weight	36 g
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## Technical data customisable plug-in connectors

Cable diameter, max.	7.5 mm	Cable diameter, min.	7.1 mm
Coding	D-coded	Conductor cross-section, max.	0.5 mm <sup>2</sup>
Conductor cross-section, min.	0.34 mm <sup>2</sup>	Connection cross-section, max.	0.5 mm <sup>2</sup>
Connection cross-section, min.	0.34 mm <sup>2</sup>	Contact surface	Gold-plated
Gender of contact	Male	Housing main material	CuZn
Number of poles	4	Plugging cycles	≥ 200
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	4	Connection 1	M12
Connection 2	Crimp	Housing main material	CuZn
Connection thread	M12	Contact surface	Gold-plated
Protection degree	IP67	Plugging cycles	≥ 200

## Electrical properties

Rated voltage	50 V
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## General standards

Connector standard	IEC 61076-2-101
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## Standards

Connector standard	IEC 61076-2-101	Fire safety for railway vehicles	According to EN 45545, HL1 - HL3
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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		

## Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	Oea6d931-f9e9-40a6-89d9-8d67103189d3

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**Technical data****Approvals**

ROHS Conform

**Downloads**

Approval/Certificate/Document of Con-  
formity

[PROFINET Manufacturer's Declaration](#)

Product Change Notification

[Technische Änderung für freikonfektionierbare M8 und M12 Steckverbinder](#)  
[Technical change to field attachable M8 and M12 connectors](#)

User Documentation

[Manual](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)  
[FL FIELDWIRING EN](#)

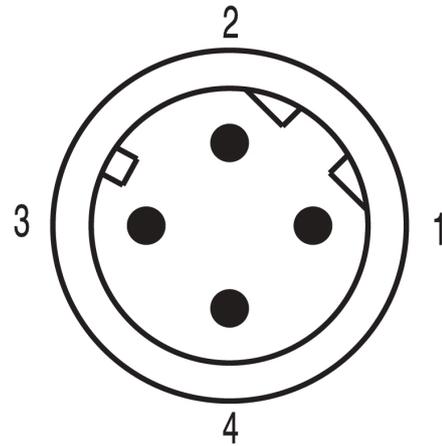
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Drawings

**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-TMDCD	Version
Order No.	<a href="#">1381710000</a>	Pressing tool
GTIN (EAN)	4050118183764	
Qty.	1 pc(s).	
Type	SAI-CEH090	Version
Order No.	<a href="#">1381740000</a>	Pressing tool
GTIN (EAN)	4050118183887	
Qty.	1 pc(s).	