

SAIBC-D-PN-6.5-C5**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, Female socket, straight
Order No.	1380620000
Type	SAIBC-D-PN-6.5-C5
GTIN (EAN)	4050118182620
Qty.	1 pc(s).

SAIBC-D-PN-6.5-C5

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Net weight	25 g
------------	------

Technical data customisable plug-in connectors

Cable diameter	6.5 mm	Cable diameter, max.	6.7 mm
Cable diameter, min.	6.3 mm	Coding	D-coded
Conductor cross-section, max.	0.5 mm ²	Conductor cross-section, min.	0.34 mm ²
Connection cross-section, max.	0.5 mm ²	Connection cross-section, min.	0.34 mm ²
Contact surface	Gold-plated	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

Standards

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

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	Oea6d931-f9e9-40a6-89d9-8d67103189d3

Approvals

ROHS	Conform
------	---------

Downloads

Approval/Certificate/Document of Conformity	PROFINET Manufacturer's Declaration
User Documentation	Manual
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

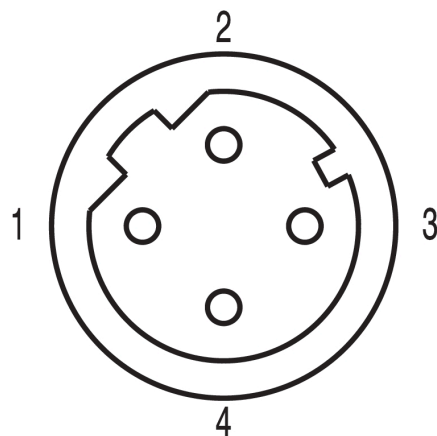
SAIBC-D-PN-6.5-C5

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings

Pole scheme



SAIBC-D-PN-6.5-C5**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Accessories****...for M12**

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

General ordering data

Type	SAI-CEH-M12D-KCR075	Version
Order No.	1381770000	Pressing tool
GTIN (EAN)	4050118183900	
Qty.	1 pc(s).	
Type	SAI-TMCD	Version
Order No.	1381710000	Pressing tool
GTIN (EAN)	4050118183764	
Qty.	1 pc(s).	
Type	SAI-CEH075	Version
Order No.	1381760000	Pressing tool
GTIN (EAN)	4050118183832	
Qty.	1 pc(s).	