

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.

General ordering data

Version	Sockets prefabricated to customer spec., M12, Female socket, straight
Order No.	1380620000
Type	SAIBC-D-PN-6.5-C5
GTIN (EAN)	4050118182620
Qty.	1 pc(s).

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Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Net weight 25 g

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Technical data customisable plug-in connectors

Cable diameter	6.5 mm, 6.6 mm, 7.3 mm, 8.3 mm	Cable diameter, max.	6.5 mm
Cable diameter, min.	6.5 mm	Category	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)
Coding	D	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	Rated voltage (text)	50 V
Shield connection	Yes	Temperature range of housing	-40 ... +85 °C
Type of connection	Crimp connection		

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
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

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity [PROFINET Manufacturer's Declaration](#)User Documentation [Manual](#)

Data sheet

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Drawings

Pole scheme

