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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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	Coding	D
Conductor cross-section, max.	0.5 mm²	Conductor cross-section, min.	0.34 mm²
Connection cross-section, max.	0.5 mm²	Connection cross-section, min.	0.34 mm²
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	50 V	Shield connection	Yes
Temperature range of housing	-40 ... +85 ° C	Type of connection	Crimp connection

General Info

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	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	EAC
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

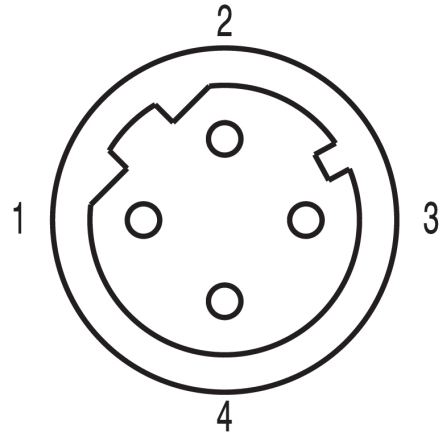Creation date January 23, 2022 8:42:51 PM CET

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Drawings

Pole scheme

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Catalogue status 14.01.2022 / We reserve the right to make technical changes.

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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-TMCDC	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).		
Type	SAI-CEH-M12D-KCR075	Version	
Order No.	1381770000	Pressing tool	
GTIN (EAN)	4050118183900		
Qty.	1 pc(s).		

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Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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  [1380620000](#)