

SAIBC-WDF-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.

General ordering data

Version	Panel feed-through, Number of poles: 4, Coding: D-coded, M12, 50 V
Order No.	1380670000
Type	SAIBC-WDF-D-PN-6.5-C5
GTIN (EAN)	4050118182385
Qty.	1 pc(s).

Creation date December 4, 2023 9:36:36 AM CET

Catalogue status 24.11.2023 / We reserve the right to make technical changes.

SAIBC-WDF-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	Cable glands	M 16
Coding	D-coded	Conductor cross-section, max.	0.5 mm ²
Conductor 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		

Standards

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

General technical specifications

Cable glands	M 16	Coding	D-coded
Connection thread	M12	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	Temperature range of housing	-40 ... +85 °C
Threaded ring material	Brass, nickel-plated	Type of connection	Crimp connection

Classifications

ETIM 6.0	EC002925	ETIM 7.0	EC002925
ETIM 8.0	EC002925	ETIM 9.0	EC002925
ECLASS 9.0	27-44-01-06	ECLASS 9.1	27-44-01-06
ECLASS 10.0	27-44-01-06	ECLASS 11.0	27-44-01-06
ECLASS 12.0	27-44-01-06	ECLASS 13.0	27440106

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	0ea6d931-f9e9-40a6-89d9-8d67103189d3

Approvals

ROHS Conform

Downloads

Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

Creation date December 4, 2023 9:36:36 AM CET

Catalogue status 24.11.2023 / We reserve the right to make technical changes.

2

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