SAIBWC-D-18/28-4/9CG

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
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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, Socket, angled
Order No.	2702700000
Type	SAIBWC-D-18/28-4/9CG
GTIN (EAN)	4050118765311
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	20.5 g

Technical data customisable plug-in connectors

Cable diameter	4...9 mm	Cable diameter, max.	9 mm
Cable diameter, min.	4 mm	Coding	D-coded
Conductor cross-section, max.	0.75 mm²	Conductor cross-section, min.	0.08 mm²
Connection cross-section, max.	0.75 mm²	Connection cross-section, min.	0.08 mm²
Contact surface	Gold-plated	Housing main material	CuZn
Number of poles	4	Plugging cycles	≥ 500
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	≥ 500

Electrical properties

Rated voltage	50 V

Standards

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

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
ECLASS 14.0	27-44-01-16		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
RoHS Compliance Status	Compliant

Approvals

ROHS	Conform

Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

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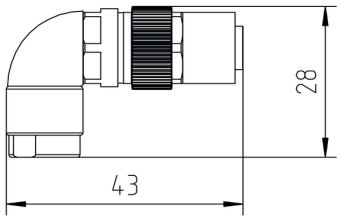
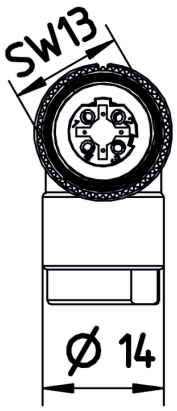
Drawings

Dimensioned drawing



Dimensioned drawing



Pole scheme

