

SAISC-WDF-5-18/28-4/9CG**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	, M12, Pin connector
Order No.	3025910000
Type	SAISC-WDF-5-18/28-4/9CG
GTIN (EAN)	4099986952867
Qty.	1 items

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Technical data

Dimensions and weights

Net weight	100 g
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Technical data customisable plug-in connectors

Number of poles	5	Coding	A-coded
Contact surface	Ni/Au	Housing main material	Cu alloy Ni plated
Insulation resistance	≥ 100 MΩ	Cable diameter, max.	9 mm
Cable diameter, min.	4 mm	Contact material	Cu-alloy
Nominal voltage	50 V	Nominal current	4 A
Protection degree	IP67, when screwed in	Plugging cycles	≥ 250
Pollution severity	3	Cable gland	M 12
Shield connection	Yes	Threaded ring material	Nickel-plated CuZn
Temperature range of housing	-40 ... +85 °C		

General Info

Number of poles	5	Connection 1	M12
Connection 2	Crimp, SNAP IN	UL 94 flammability rating	V-0
Housing main material	Cu alloy Ni plated	Connection thread	M12
Contact material	Cu-alloy	Contact surface	Ni/Au
Protection degree	IP67, when screwed in	Plugging cycles	≥ 250

Standards

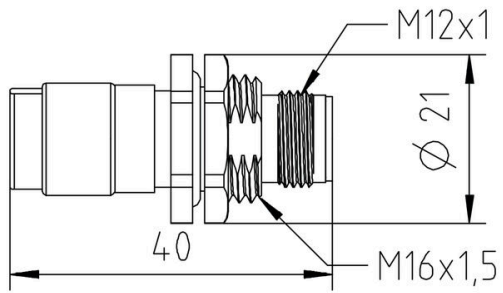
Connector standard	IEC 61076-2-101	Fire safety for railway vehicles	EN 45545 HL3
Shock and vibration proof according to	DIN EN 61373 Class 1B**, DIN EN 61373 KAT2 (Bogie)		

Classifications

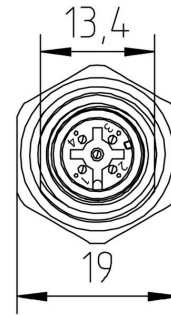
ETIM 8.0	EC002925	ETIM 9.0	EC002925
ETIM 10.0	EC002925	ECLASS 14.0	27-44-01-06
ECLASS 15.0	27-44-01-06		

Drawings

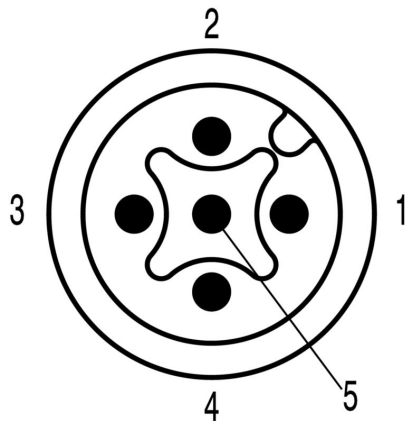
Dimensioned drawing



Dimensioned drawing



Pole scheme



mounting cutout

