SAISWC-M-4D-4/9-M12-CG



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	Field attachable connector, M12		
Order No.	<u>2702690000</u>		
Туре	SAISWC-M-4D-4/9-M12-CG		
GTIN (EAN)	4050118765304		
Qty.	1 items		

Catalogue status / Drawings



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Technical data

Approvals				
ROHS	Conform			
Dimensions and weights				
Diameter	14 mm	Net weight	20.5 g	
Environmental Product Comp	liance		J	
RoHS Compliance Status	Compliant			
REACH SVHC SCIP	Lead 7439-92-1 ebf89fc8-a87f-4691-b87a-dfb9921774b4			
		110552177404		
Technical data customisable	plug-in connectors			
Number of poles	4	Coding	D-coded	
Contact surface	Gold-plated	LED	No	
Type of connection	Crimp connection	Housing main material	Cu alloy Ni plated	
Cable diameter, max.	9 mm	Cable diameter, min.	4 mm	
Conductor cross-section, max.	0.82 mm ²	Conductor cross-section, min.	0.08 mm ²	
Nominal voltage	50 V	Nominal current	2 A	
Protection degree	IP67	Plugging cycles	≥ 200	
Gender of contact	Male	Shield connection	Yes	
Threaded ring material	Brass, nickel-plated	Temperature range of housing	-40 +85 ° C	
General Info				
Number of poles	4	Connection 1	M12	
Connection 2	Crimp	UL 94 flammability rating	V-0	
Housing main material	Cu alloy Ni plated	Connection thread	M12	
Contact surface	Gold-plated	Wire connection cross section, finely 0.08 mm ² stranded, min.		
Wire connection cross section, finely stranded, max.	0.82 mm²	Protection degree	IP67	
Plugging cycles	≥ 200			
Electrical properties				
Nominal voltage	50 V			
General standards				
Connector standard	IEC 61076-2-101			
Standards				
Stanuarus				
Connector standard	IEC 61076-2-101	Fire safety for railway vehicles	EN 45545 HL3	
Shock and vibration proof according to	EN 50155:2001, DIN EN			
Classifications	61373			
TIM CO	EC002635	ETIM 7.0	EC002635	
ETIM 6.0				
	EC002635	ETIM 9.0	EC002635	
ETIM 6.0 ETIM 8.0 ETIM 10.0	EC002635 EC002635	ETIM 9.0 ECLASS 9.0	EC002635 27-44-01-02	

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Catalogue status / Drawings







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Technical data

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
ECLASS 15.0	27-44-01-16		

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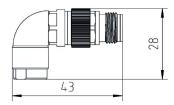
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Drawings

Dimensioned drawing



Dimensioned drawing



Pole scheme

