

SAISGC-M-4D-8.1/8.5-M12-CF

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.	1380580000
Type	SAISGC-M-4D-8.1/8.5-M12-CF
GTIN (EAN)	4050118182613
Qty.	1 items

SAISGC-M-4D-8.1/8.5-M12-CF

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technical data

Approvals

ROHS Conform

Dimensions and weights

Net weight 25 g

Environmental Product Compliance

RoHS Compliance Status Compliant with exemption
 RoHS Exemption (if applicable/known) 6c
 REACH SVHC Lead 7439-92-1
 SCIP 0ea6d931-f9e9-40a6-89d9-8d67103189d3

Technical data customisable plug-in connectors

Number of poles	4	Coding	D-coded
Contact surface	Gold-plated	Type of connection	Crimp connection
Housing main material	CuZn	Cable diameter, max.	8.5 mm
Cable diameter, min.	8.1 mm	Conductor cross-section, max.	0.5 mm ²
Conductor cross-section, min.	0.34 mm ²	Nominal voltage	50 V
Nominal current	4 A	Protection degree	IP67
Plugging cycles	≥ 200	Pollution severity	3
Gender of contact	Male	Shield connection	Yes
Threaded ring material	Brass, nickel-plated	Temperature range of housing	-40 ... +85 °C
Connection cross-section, max.	0.5 mm ²	Connection cross-section, min.	0.34 mm ²

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	≥ 200

Electrical properties

Nominal voltage 50 V

General standards

Connector standard IEC 61076-2-101

Standards

Connector standard IEC 61076-2-101 Fire safety for railway vehicles According to EN 45545, HL1 - HL3

Classifications

ETIM 8.0	EC002635	ETIM 9.0	EC002635
ETIM 10.0	EC002635	ECLASS 14.0	27-44-01-16
ECLASS 15.0	27-44-01-16		

Pole scheme



SAISGC-M-4D-8.1/8.5-M12-CF

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-TMCDC	Version	
Order No.	1381710000	Pressing tool	
GTIN (EAN)	4050118183764		
Qty.	1 ST		
Type	SAI-CEH095	Version	
Order No.	1381750000	Crimping tool insert	
GTIN (EAN)	4050118183894		
Qty.	1 ST		