SAISC-D-RR-8.3-C5

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.

General ordering data

Version	Field attachable connector, M12, pin, straight
Order No.	1380580000
Type	SAISC-D-RR-8.3-C5
GTIN (EAN)	4050118182613
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	25 g

Temperatures

Operating temperature, min.	-20 °C	Operating temperature, max.	85 °C

Technical data customisable plug-in connectors

Cable diameter	6.5 mm, 6.6 mm, 7.3 mm, 8.3 mm	Cable diameter, max.	8.3 mm
Cable diameter, min.	8.3 mm	Coding	D
Conductor cross-section, max.	0.5 mm²	Conductor cross-section, min.	0.34 mm²
Connection cross-section, max.	0.5 mm²	Connection cross-section, min.	0.34 mm²
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
Rated voltage	50 V	Shield connection	Yes
Temperature range of housing	-40 ... +85 ° C	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	≥ 200

Electrical properties

Rated 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 6.0	EC002635	ETIM 7.0	EC002635
ETIM 8.0	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

Environmental Product Compliance

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

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Technical data

Approvals

Approvals	EAC
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	[PROFINET Manufacturer's Declaration](#)
User Documentation	[Manual](#)
Catalogues	[Catalogues in PDF-format](#)
Brochures	[FL FIELDWIRING EN](#) [FL FIELDWIRING EN](#)

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Drawings

Pole scheme

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Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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