

Connector - SACC-M12FST-4CON-PG 9-M - 1418052

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Connector, 4-position, Socket straight M12, T-coded, Screw connection, Knurl material: Zinc die-cast, nickel-plated, Cable gland Pg9, External cable diameter 6 mm ... 8 mm, for direct current up to 12 A/60 V

The figure shows the version with Pg11 screw connection

Product Features

- Safe use in the field, thanks to a high degree of protection
- Flexible: connectors for on-site assembly
- Screw connection: proven connection technology for a large selection of different conductors
- High-performance: DC connectors for up to 12 A and 60 V DC
- Protection against incorrect connection using special T-coding



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	20.0 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

External cable diameter	6 mm ... 8 mm
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Ambient conditions

Degree of protection	IP67
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General

Note	Strip 22 mm off the cable sheath, strip 7 mm off the conductor insulation, crimp the ferrule, then shorten this to 5 mm. Length of conductor with shortened ferrule: 20 mm. Connect conductors and tighten the mounting screws with 0.2 Nm.
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Technical data

General

Rated current at 40°C	12 A (When using 1.5 mm ² conductors)
Rated voltage	63 V DC
Number of positions	4
Insulation resistance	> 10 GΩ
Coding	T power
Standards/regulations	IEC 61076-2-111
Status display	No
Overvoltage category	III
Degree of pollution	3
Connection method	Screw connection
Conductor cross section	0.75 mm ² ... 1.5 mm ²
Conductor cross section AWG	18 ... 16
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 knurl)
	0.8 Nm ... 1 Nm (Pressure nut with coupling sleeve)
	Screw plug insert with sleeve housing as far it will go
	0.2 Nm (Screw terminal blocks)
Assembly instructions	The wires can be connected both with ferrules and without ferrules

Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA
Material of grip body	PA
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	Viton (M12 socket)
	NBR (Cable clamping)

Standards and Regulations

Standards/regulations	IEC 61076-2-111
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 8.0	27440102
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Classifications

ETIM

ETIM 5.0	EC002635
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Drawings

Dimensional drawing

Schematic diagram

M12
x
1
socket,
straight
Design of M12 socket, 4-pos., T-coded, socket side view

