

Connector - SACC-M12FR-5CON-PG11-M PWR - 1408993

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Connector, 5-position, Socket angled M12, A-coded, Screw connection, Knurl material: Zinc die-cast, nickel-plated, Cable gland Pg11, External cable diameter 8 mm ... 10 mm

Why buy this product

- 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



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 885133
Weight per Piece (excluding packing)	29.81 g
Custom tariff number	85366990
Country of origin	Germany
Product key	BF2CAA

Technical data

Dimensions

External cable diameter	8 mm ... 10 mm
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Ambient conditions

Degree of protection	IP67
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General

Rated current at 40°C	8 A (Contact 5: 2 A)
Rated voltage	125 V
Number of positions	5
Insulation resistance	> 10 GΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101

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Technical data

General

Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Screw connection
Conductor cross section	1.5 mm ²
Conductor cross section AWG	16
Insertion/withdrawal cycles	> 100
Torque	0.4 Nm (M12 knurl) 1 Nm ... 1.4 Nm (Pressure nut with coupling sleeve) 0.4 Nm (Connector with coupling sleeve) 0.2 Nm (Screw terminal blocks)
Assembly instructions	The wires can be connected both with ferrules and without ferrules The connector pin assignment can be rotated 90° to the cable outlet

Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA
Material of grip body	PBT
Material, knurls	Zinc die-cast, nickel-plated

Standards and Regulations

Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27440104
eCl@ss 9.0	27440102

ETIM

ETIM 4.0	EC002635
ETIM 5.0	EC002062

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Classifications

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

Approvals

Approvals

Approvals

EAC

Ex Approvals

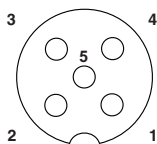
Approvals submitted

Approval details

EAC

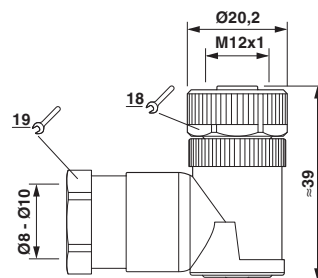
Drawings

Schematic diagram



Pin assignment M12 socket, 5-pos., A-coded, socket side view

Dimensional drawing



M12 x 1 socket, straight
