

Connector - SACC-M12FS-5CON-PG11-M PWR - 1404418

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Connector, 5-position, Socket straight 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 694506 |
| Weight per Piece (excluding packing) | 29.0 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |
| Product key | BF2CAA |

Technical data

Dimensions

| | |
|-------------------------|----------------|
| External cable diameter | 8 mm ... 10 mm |
|-------------------------|----------------|

Ambient conditions

| | |
|----------------------|------|
| Degree of protection | IP67 |
|----------------------|------|

General

| | |
|-----------------------|---|
| Note | Strip 22 mm off the cable sheath, shorten conductor for the fifth position by 10 mm. Strip 7 mm off the conductor insulation, crimp the ferrule, then shorten this to 5 mm. Length of conductors with shortened ferrule: 20 mm. Connect conductors and tighten the mounting screws with 0.2 Nm. |
| Rated current at 40°C | 8 A (Contact 5: 2 A) |
| Rated voltage | 125 V |
| Number of positions | 5 |

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Technical data

General

| | |
|-----------------------------|--|
| Insulation resistance | > 10 GΩ |
| Coding | A - standard |
| Standards/regulations | M12 connector IEC 61076-2-101 |
| 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 |

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 |

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 | 27140815 |
| eCl@ss 4.1 | 27140815 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27279221 |
| eCl@ss 7.0 | 27440104 |
| eCl@ss 8.0 | 27440104 |
| eCl@ss 9.0 | 27440102 |

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Classifications

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC001121 |
| ETIM 3.0 | EC002062 |
| ETIM 4.0 | EC002062 |
| ETIM 5.0 | EC002062 |

UNSPSC

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|---------------|----------|
| UNSPSC 6.01 | 31251501 |
| UNSPSC 7.0901 | 31251501 |
| UNSPSC 11 | 31251501 |
| UNSPSC 12.01 | 31251501 |
| UNSPSC 13.2 | 31251501 |

Approvals

Approvals

Approvals

EAC / EAC

Ex Approvals

Approvals submitted

Approval details

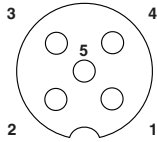
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Drawings

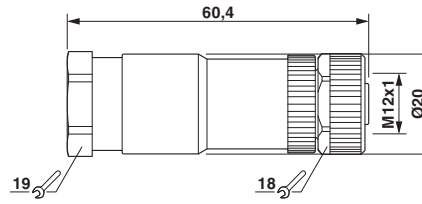
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Schematic diagram



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

Dimensional drawing



M12 x 1 socket, straight