# Bus system flush-type socket - SACCBP-FS-5CON-PG9/1,0-920SCO - 1437533

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Bus system flush-type socket, DeviceNet/CANopen, 5-pos., M12, shielded, A-coded, Speedcon, rear/screw mounting with Pg9 thread, with 1.0 m bus cable, 2 x 0.2 mm²; 2 x 0.32 mm²

## Key commercial data

| | |
|---|---|
| Packing unit | 1 PCE |
| Weight per Piece (excluding packing) | 80.0 GRM |
| Custom tariff number | 85444290 |
| Country of origin | Germany |

## Technical data

### Dimensions

| | |
|---|---|
| Length of cable | 1 m |

### Ambient conditions

| | |
|---|---|
| Ambient temperature (operation) | -25 °C ... 85 °C (Plug / socket) |
| Degree of protection | IP67 |

### General

| | |
|---|---|
| Rated current at 40°C | 4 A |
| Rated voltage | 60 V |
| Number of positions | 5 |
| Insulation resistance | 100 MΩ |
| Coding | A - standard |
| Standards/regulations | M12 connector IEC 61076-2-101 |
| Signal type/category | DeviceNet™ |
| Surge voltage category | II |

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## Technical data

### General

| | |
|---|---|
| Pollution degree | 3 |

### Material

| | |
|---|---|
| Inflammability class according to UL 94 | V0 |
| Contact material | CuZn |
| Contact surface material | Ni/Au |
| Contact carrier material | PA 66 |
| Material, knurls | Zinc die-cast, nickel-plated |
| Sealing material | NBR |

### Cable

| | |
|---|---|
| Cable type | CAN Bus/DeviceNet |
| Cable type (abbreviation) | 920 |
| Conductor cross section | 2x 0.25 mm² (signal line) |
| | 2x 0.34 mm² (Power supply) |
| | 1x 0.34 mm² (Drain wire) |
| AWG signal line | 24 |
| AWG power supply | 22 |
| Conductor structure signal line | 19x 0.13 mm |
| Conductor structure, voltage supply | 19x 0.15 mm |
| Core diameter including insulation | 1.95 mm ±0.05 mm (signal line) |
| | 1.4 mm ±0.05 mm (Power supply) |
| Wire colors | Red-black, blue-white |
| Twisted pairs | 2 cores to the pair |
| Type of pair shielding | Aluminum-lined polyester foil |
| Overall twist | 2 pairs around a drain wire in the center to the core |
| Shielding | Tinned copper braided shield |
| Optical shield covering | 80 % |
| External sheath, color | Violet, RAL 4001 |
| External cable diameter D | 6.7 mm ±0.3 mm |
| Smallest bending radius, fixed installation | 67 mm |
| Smallest bending radius, movable installation | 67 mm |
| Number of bending cycles | 5000000 |
| Bending radius | 70 mm |
| Traversing path | 4.5 m |
| Traversing rate | 3 m/s |
| Acceleration | 3 m/s² |

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## Technical data

### Cable

| | |
|---|---|
| Outer sheath, material | PUR |
| Material conductor insulation | Foamed PE (signal line) |
| | PE (Power supply) |
| Conductor material | Tin-plated Cu litz wires |
| Insulation resistance | ≥ 5 GΩ*km (signal line) |
| | ≥ 5 GΩ*km (Power supply) |
| Working capacitance | nom. 40 nF (signal line) |
| Wave impedance | 120 Ω ± 12 Ω (with 1 MHz) |
| Nominal voltage, cable | max. 300 V |
| Test voltage, cable | 2000 V (50 Hz, 1 min.) |
| Flame resistance | UL 1581, Sec. 1060 (FT-1) |
| | IEC 60332-1 |
| Ambient temperature (operation) | -40 °C ... 80 °C (cable, fixed installation) |
| | -20 °C ... 70 °C (cable, flexible installation) |

## 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 | 27449001 |

### ETIM

| | |
|---|---|
| ETIM 3.0 | EC002061 |
| ETIM 4.0 | EC002061 |
| ETIM 5.0 | EC002061 |

### UNSPSC

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

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## Classifications

### UNSPSC

| | |
|---|---|
| UNSPSC 13.2 | 39121413 |

## Approvals

### Approvals

Approvals

UL Recognized / GOST / GOST

Ex Approvals

Approvals submitted

### Approval details

UL Recognized

| | |
|---|---|
| mm²/AWG/kcmil | 26-20 |
| Nominal current IN | 4 A |
| Nominal voltage UN | 60 V |

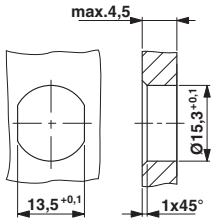
GOST

GOST

## Drawings

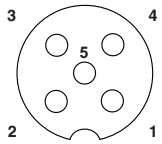
# Bus system flush-type socket - SACCBP-FS-5CON-PG9/1,0-920SCO - 1437533

Dimensioned drawing




Housing cutout for Pg9 fastening thread, mounting panel with feed-through hole (alternatively with surface as protection against rotation)

Schematic diagram

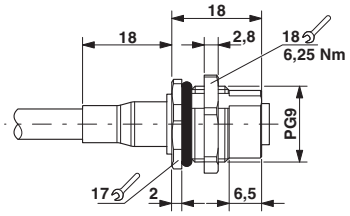



Pin assignment M12 socket, 5-pos., A-coded, socket side view

Cable cross section

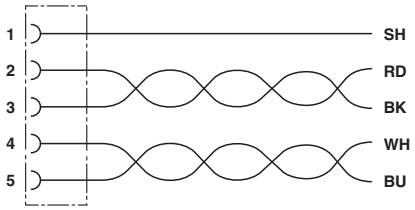
CAN Bus/DeviceNet [920]

Dimensioned drawing




M12 panel feed-through

Circuit diagram




Contact assignment of the M12 socket

单击下面可查看定价，库存，交付和生命周期等信息

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