

## Bus system cable - SAC-5P-MINMR/15,0-928/MINFR DN - 1417951

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Bus system cable, DeviceNet, 5-position, PVC, Gray RAL 7001, Plug angled 7/8"-16UNF, on Socket angled 7/8"-16UNF, Cable length: 15 m



### Key commercial data

|                        |                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit           | 0                                                                                                       |
| Minimum order quantity | 1                                                                                                       |
| Catalog page           | Page 399 (PC-2011)                                                                                      |
| GTIN                   | <br>4 046356 540278 |
| Custom tariff number   | 85444290                                                                                                |
| Country of origin      | GERMANY                                                                                                 |

### Technical data

#### General data

|                       |        |
|-----------------------|--------|
| Rated current at 40°C | 5.2 A  |
| Rated voltage         | 30 V   |
| Number of positions   | 5      |
| Volume resistance     | < 5 mΩ |
| Length of cable       | 15 m   |

#### General characteristics

|                          |                  |
|--------------------------|------------------|
| Coding                   | A - standard     |
| Surge voltage category   | II               |
| Pollution degree         | 3                |
| Degree of protection     | IP65/IP67/IP69K  |
| Contact material         | CuZn             |
| Contact surface material | Au               |
| Contact carrier material | PA 66            |
| Material of grip body    | TPU              |
| Material, knurls         | High-grade steel |

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## Technical data

### General characteristics

|                  |     |
|------------------|-----|
| Sealing material | TPU |
| Status display   | No  |

### Conductor data

|                                               |                                  |
|-----------------------------------------------|----------------------------------|
| AWG signal line                               | 18                               |
| AWG power supply                              | 15                               |
| Wire colors                                   | Red-black, blue-white            |
| Shielding                                     | Tinned copper braided shield     |
| External sheath, color                        | Gray RAL 7001                    |
| External cable diameter D                     | 12.2 mm                          |
| Smallest bending radius, fixed installation   | 61 mm                            |
| Smallest bending radius, movable installation | 122 mm                           |
| Outer sheath, material                        | PVC                              |
| Conductor material                            | Tin-plated Cu litz wires         |
| Wave impedance                                | 120 $\Omega$ +/- 10% (Data pair) |

## Classifications

### eclass

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27060307 |
| eCl@ss 4.1 | 27060307 |
| eCl@ss 5.0 | 27061801 |
| eCl@ss 5.1 | 27060307 |
| eCl@ss 6.0 | 27061801 |
| eCl@ss 7.0 | 27061801 |

### etim

|          |          |
|----------|----------|
| ETIM 2.0 | EC000830 |
| ETIM 3.0 | EC000830 |
| ETIM 4.0 | EC001855 |

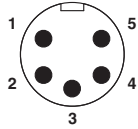
### unspsc

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 26121616 |
| UNSPSC 7.0901 | 26121616 |
| UNSPSC 11     | 26121604 |
| UNSPSC 12.01  | 26121616 |
| UNSPSC 13.2   | 26121616 |

## Drawings

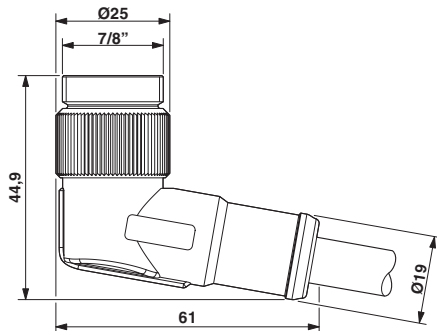
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Schematic diagram



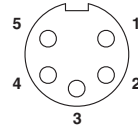
Connector pin assignment for 7/8"-16UNF conn., 5-pos.

Dimensioned drawing



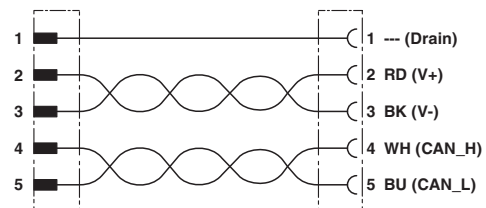
7/8"-16UNF connector, angled

Schematic diagram



Pin assignment, socket, 7/8"-16UNF, 5-pos., view of female side

Circuit diagram



Contact assignment of the 7/8" connector and the 7/8" socket