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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# Bus system cable - SAC-5P-MINMS/ 0,3-928/MINFR DN - 1417812

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Bus system cable, DeviceNet, 5-position, PVC, Gray RAL 7001, Plug straight 7/8"-16UNF, on Socket angled 7/8"-16UNF, Cable length: 0.3 m



## Key commercial data

|                        |                     |
|------------------------|---------------------|
| Packing unit           | 0                   |
| Minimum order quantity | 1                   |
| Catalog page           | Page 399 (PC-2011)  |
| GTIN                   | <br>4 046356 540131 |
| 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       | 0.3 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 |
| Sealing material         | TPU              |
| Status display           | No               |

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## Technical data

### 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 Ω +/-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

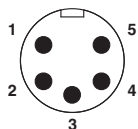
|          |          |
|----------|----------|
| ETIM 2.0 | EC000830 |
| ETIM 3.0 | EC000830 |
| ETIM 4.0 | EC001855 |

### unspsc

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

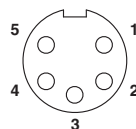
## Drawings

### Schematic diagram



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

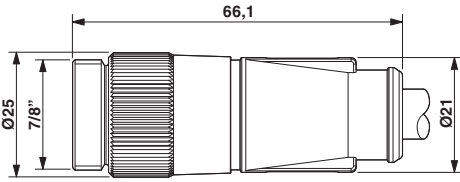
### Schematic diagram



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

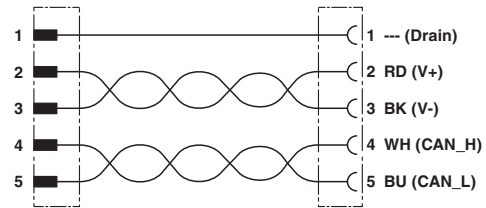
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Dimensioned drawing



7/8"-16UNF connector, straight

Circuit diagram



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

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Dimensioned drawing

