

## Cable - VS-P1220-P1220-C1020/ 1,0 - 1609170

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Cable, PROFINET/power, 5-position, PVC, Silver-gray RAL 7001, Plug straight MSTB Push Pull / IP65, on Plug straight MSTB Push Pull / IP65, Cable length: 1 m



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Weight per Piece (excluding packing) | 449.0 g  |
| Custom tariff number                 | 85444290 |
| Country of origin                    | Germany  |

### Technical data

#### Dimensions

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

#### Ambient conditions

|                      |      |
|----------------------|------|
| Degree of protection | IP65 |
|                      | IP67 |

#### General data

|                      |                                                                                                                                                                                                                                                                                             |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note                 | This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order no: 2.252, Chapter 11 Connectors for 24 Volt Power Supply Cabling and Chapter 13 Application specific Cabling and Interconnection Technology (AIDA) |
| Rated voltage        | 24 V                                                                                                                                                                                                                                                                                        |
| Number of positions  | 5                                                                                                                                                                                                                                                                                           |
| Signal type/category | PROFINET/power                                                                                                                                                                                                                                                                              |

#### Characteristics head 1

|                                          |                                     |
|------------------------------------------|-------------------------------------|
| Head type                                | Plug straight MSTB Push Pull / IP65 |
| No. of positions (pin connector pattern) | 5                                   |

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### Technical data

#### Characteristics head 2

|                                          |                                     |
|------------------------------------------|-------------------------------------|
| Head type                                | Plug straight MSTB Push Pull / IP65 |
| No. of positions (pin connector pattern) | 5                                   |

#### Cable

|                                               |                                                |
|-----------------------------------------------|------------------------------------------------|
| Cable type                                    | PVC gray                                       |
| Cable type (abbreviation)                     | PVC                                            |
| Conductor cross section                       | 5x 2.5 mm <sup>2</sup>                         |
| AWG power supply                              | 14                                             |
| Conductor structure, voltage supply           | 50x 0.25 mm                                    |
| Wire colors                                   | blue, brown, black, gray, green/yellow         |
| Overall twist                                 | 5 cores, twisted                               |
| External sheath, color                        | gray RAL 7001                                  |
| External cable diameter D                     | 11.8 mm                                        |
| Minimum bending radius, fixed installation    | 4 x D                                          |
| Minimum bending radius, flexible installation | 15 x D                                         |
| Cable weight                                  | 242 kg/km                                      |
| Outer sheath, material                        | PVC                                            |
| Material conductor insulation                 | PVC                                            |
| Conductor material                            | Bare Cu litz wires                             |
| Insulation resistance                         | > 0.2 MΩ*km                                    |
| Nominal voltage, cable                        | 750 V                                          |
|                                               | 1000 V (Fixed, protected installation)         |
| Test voltage, cable                           | 4000 V                                         |
| Flame resistance                              | According to IEC 60332-1-2                     |
| Ambient temperature (operation)               | -40 °C ... 80 °C (cable, fixed installation)   |
|                                               | -5 °C ... 70 °C (cable, flexible installation) |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27060306 |
| eCl@ss 4.1 | 27060306 |
| eCl@ss 5.0 | 27061801 |
| eCl@ss 5.1 | 27061801 |
| eCl@ss 6.0 | 27279218 |
| eCl@ss 7.0 | 27279218 |
| eCl@ss 8.0 | 27279218 |
| eCl@ss 9.0 | 27060311 |

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## Classifications

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001855 |
| ETIM 4.0 | EC001855 |
| ETIM 5.0 | EC001855 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31261501 |
| UNSPSC 7.0901 | 31261501 |
| UNSPSC 11     | 31261501 |
| UNSPSC 12.01  | 31261501 |
| UNSPSC 13.2   | 31261501 |

## Approvals

### Approvals

### Approvals

### EAC

### Ex Approvals

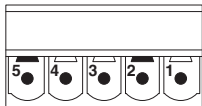
### Approvals submitted

### Approval details

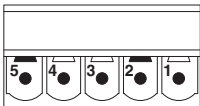
|     |
|-----|
| EAC |
|-----|

## Drawings

Schematic diagram



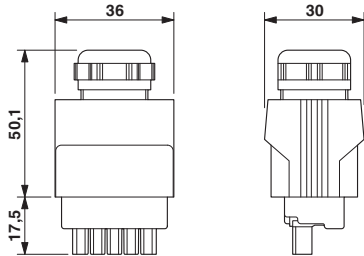
Schematic diagram



Connector pin assignment for PROFINET Push-Pull, power connector, 24 V Connector pin assignment for PROFINET Push-Pull, power connector, 24 V

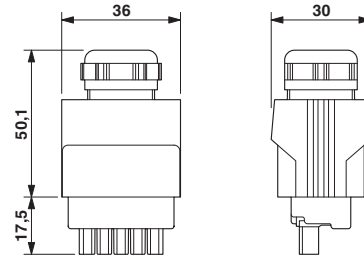
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Dimensional drawing



Push-Pull MSTB connector IP65/67

Dimensional drawing



Push-Pull MSTB connector IP65/67

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