

# VS-15-DSUB-20-LI-5,0 - D-SUB cable

1656288

<https://www.phoenixcontact.com/us/products/1656288>



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Assembled D-SUB cable shielded, 15-pos., stranded (7-wire), cable color RAL 7000 (gray), IP20 degree of protection, head 1 with socket shell 2 and straight cable outlet, head 2 with pin shell 2 and straight cable outlet, length: 5 m

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1656288       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | AB19          |
| Product key                          | ABNCAS        |
| GTIN                                 | 4046356029766 |
| Weight per piece (including packing) | 333.9 g       |
| Weight per piece (excluding packing) | 295.6 g       |
| Customs tariff number                | 85444290      |
| Country of origin                    | CN            |

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## Technical data

### Product properties

|                     |                         |
|---------------------|-------------------------|
| Product type        | Data cable preassembled |
| Type                | D-SUB                   |
| Sensor type         | Universal               |
| Number of positions | 15                      |
| Cable outlet        | straight                |

### Insulation characteristics

|                      |     |
|----------------------|-----|
| Overvoltage category | III |
| Degree of pollution  | 2   |

### Electrical properties

|                     |        |
|---------------------|--------|
| Rated current       | 1 A    |
| Operating voltage   | 30 V   |
| Transmission medium | Copper |

### Mechanical properties

#### Mechanical data

|                             |      |
|-----------------------------|------|
| Insertion/withdrawal cycles | ≥ 50 |
|-----------------------------|------|

### Material specifications

|                          |              |
|--------------------------|--------------|
| Housing material         | PVC          |
| Contact material         | Copper alloy |
| Contact surface material | gold-plated  |
| Outer sheath, material   | PVC          |

### Connection data

#### Connection technology

|                   |       |
|-------------------|-------|
| Connection method | D-SUB |
|-------------------|-------|

#### Conductor connection

|                   |       |
|-------------------|-------|
| Connection method | D-SUB |
|-------------------|-------|

### Connector

#### Connection 1

|                      |                          |
|----------------------|--------------------------|
| Type                 | Socket straight D-SUB 15 |
| Degree of protection | IP20                     |

#### Connection 2

|                      |                        |
|----------------------|------------------------|
| Type                 | Plug straight D-SUB 15 |
| Degree of protection | IP20                   |

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## Cable/line

|                            |                                                    |
|----------------------------|----------------------------------------------------|
| External cable diameter    | 28.00 mm                                           |
| Outer sheath, material     | PVC                                                |
| External sheath, color     | beige                                              |
| Single wire, cross section | 28 mm <sup>2</sup>                                 |
| Cable cross section        | 0.08 mm <sup>2</sup>                               |
| AWG signal line            | 28                                                 |
| Shielding                  | Aluminum-coated foil, tinned copper braided shield |

## Environmental and real-life conditions

### Ambient conditions

|                                 |                |
|---------------------------------|----------------|
| Degree of protection            | IP20           |
|                                 | IP20           |
| Ambient temperature (operation) | 0 °C ... 70 °C |

# VS-15-DSUB-20-LI-5,0 - D-SUB cable

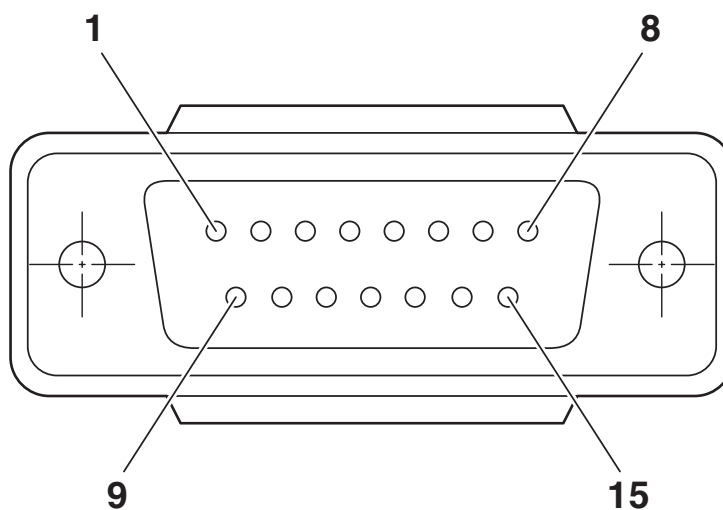
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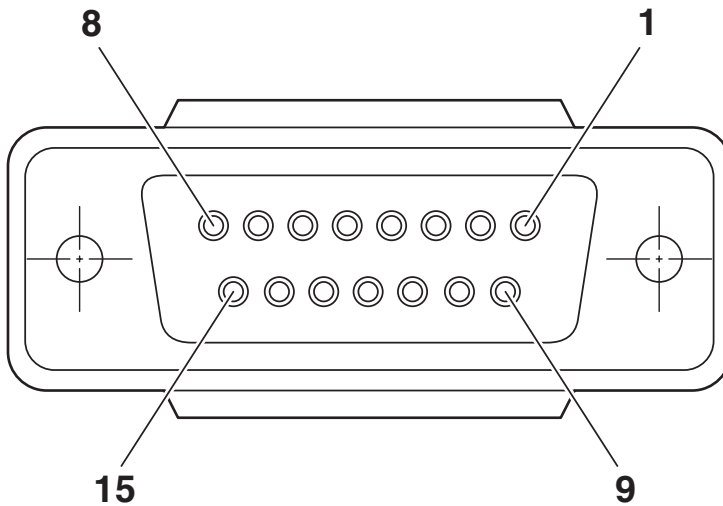
## Drawings

Schematic diagram



Connector pin assignment

Schematic diagram



Pin connector pattern

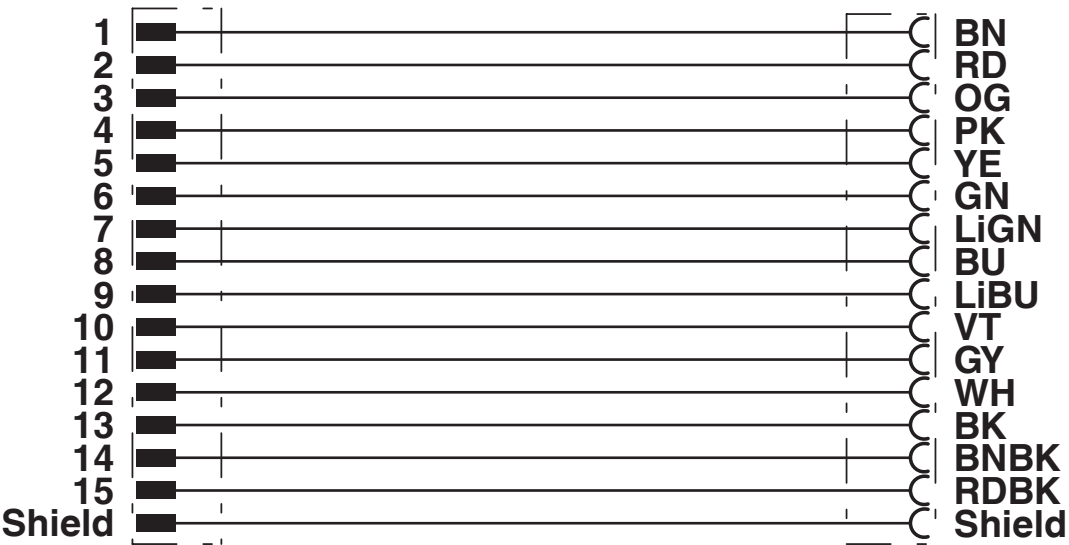
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Circuit diagram



Circuit diagram

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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1656288>



**EAC**

Approval ID: 19060508

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27060307 |
| ECLASS-15.0 | 27440322 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC001855 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 26121600 |
|-------------|----------|

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## Environmental product compliance

### EU RoHS

|                                         |                    |
|-----------------------------------------|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|-----------------------------------------|--------------------|

### China RoHS

|                                        |                                          |
|----------------------------------------|------------------------------------------|
| Environment friendly use period (EFUP) | EFUP-E                                   |
|                                        | No hazardous substances above the limits |

### EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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