

VS-09-DSUB-20-LI-5,0 - D-SUB cable



1656259

<https://www.phoenixcontact.com/us/products/1656259>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Assembled D-SUB cable, shielded, 9-pos., stranded (7-wire), cable color: RAL 7000 (gray), secured using 4-40 UNC thread, IP20 protection, head 1 with socket shell 1 and straight cable outlet, head 2 with pin shell 1 and straight cable outlet, length: 5 m

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1656259 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB19 |
| Product key | ABNCAS |
| GTIN | 4046356029735 |
| Weight per piece (including packing) | 231 g |
| Weight per piece (excluding packing) | 223.5 g |
| Customs tariff number | 85444290 |
| Country of origin | CN |

1656259

<https://www.phoenixcontact.com/us/products/1656259>

Technical data

Product properties

| | |
|---------------------|-------------------------|
| Product type | Data cable preassembled |
| Type | D-SUB |
| Number of positions | 9 |
| Cable outlet | straight |

Insulation characteristics

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

Interfaces

| | |
|----------------------|-----------|
| Signal type/category | Universal |
|----------------------|-----------|

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 9 |
| Degree of protection | IP20 |

Connection 2

| | |
|------|-----------------------|
| Type | Plug straight D-SUB 9 |
|------|-----------------------|

VS-09-DSUB-20-LI-5,0 - D-SUB cable



1656259

<https://www.phoenixcontact.com/us/products/1656259>

| | |
|----------------------|------|
| Degree of protection | IP20 |
|----------------------|------|

Cable/line

| | |
|------------------------|----------------------|
| Signal type/category | Universal |
| Outer sheath, material | PVC |
| Cable cross section | 0.08 mm ² |
| AWG signal line | 28 |

Environmental and real-life conditions

Ambient conditions

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

VS-09-DSUB-20-LI-5,0 - D-SUB cable

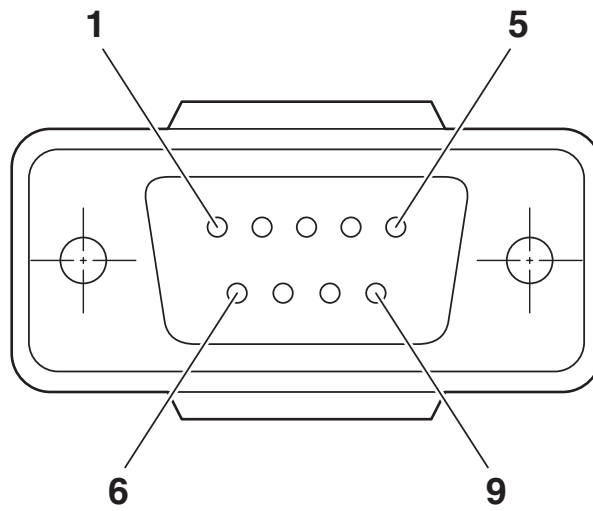
1656259

<https://www.phoenixcontact.com/us/products/1656259>



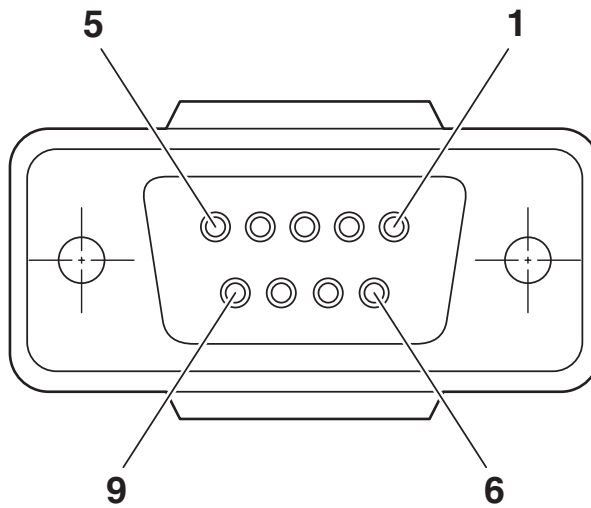
Drawings

Schematic diagram



Connector pin assignment

Schematic diagram



Pin connector pattern

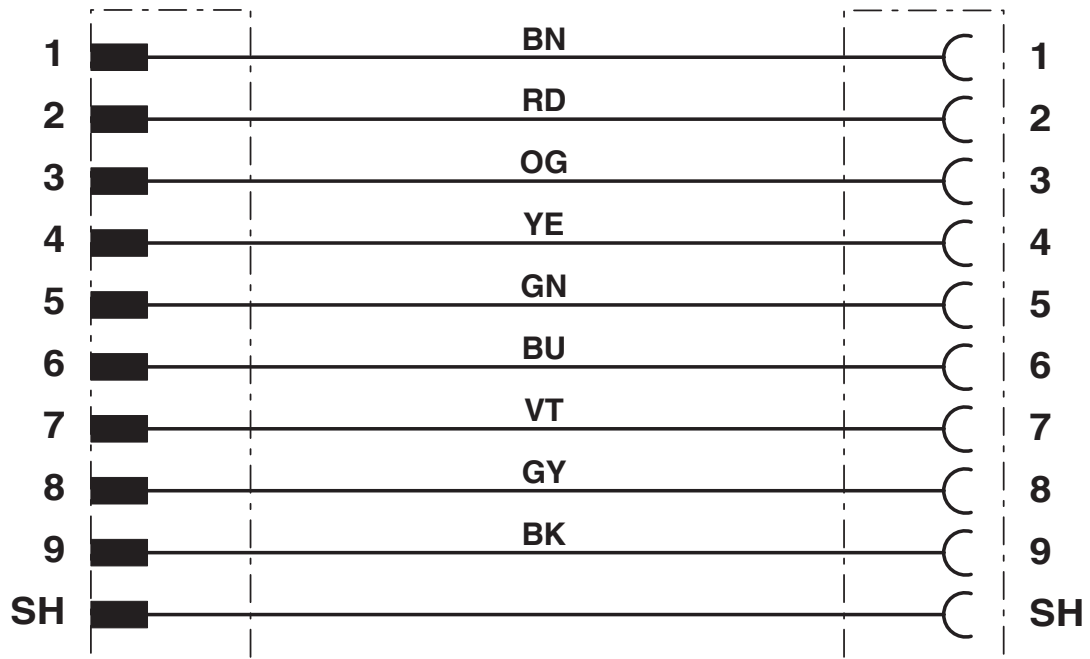
VS-09-DSUB-20-LI-5,0 - D-SUB cable



1656259

<https://www.phoenixcontact.com/us/products/1656259>

Circuit diagram



Circuit diagram

VS-09-DSUB-20-LI-5,0 - D-SUB cable



1656259

<https://www.phoenixcontact.com/us/products/1656259>

Classifications

ECLASS

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

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC001132 |
|-----------|----------|

UNSPSC

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

VS-09-DSUB-20-LI-5,0 - D-SUB cable



1656259

<https://www.phoenixcontact.com/us/products/1656259>

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% |
|-------------------------------------|----------------------------|

EF3.1 Climate Change

| | |
|---------|--------------|
| CO2e kg | 6.71 kg CO2e |
|---------|--------------|

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com