

VS-09-DSUB-20-LI-2,0 - D-SUB cable



1656246

<https://www.phoenixcontact.com/us/products/1656246>

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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: 2 m

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1656246 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB19 |
| Product key | ABNCAS |
| GTIN | 4046356029728 |
| Weight per piece (including packing) | 132.66 g |
| Weight per piece (excluding packing) | 130.66 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 |
| 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 |
|------|-----------------------|

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| | |
|----------------------|------|
| 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 |

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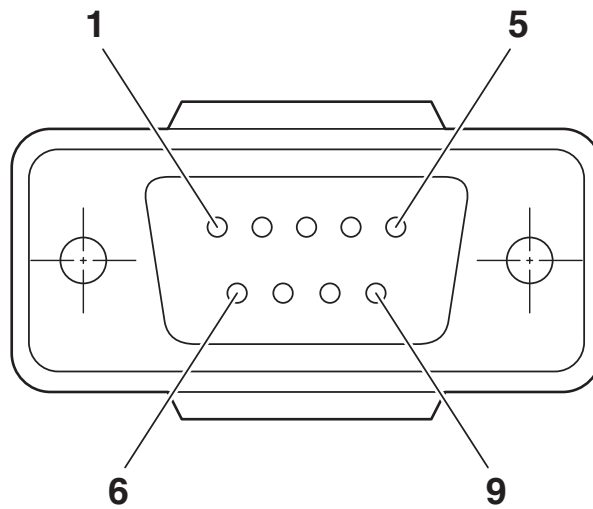
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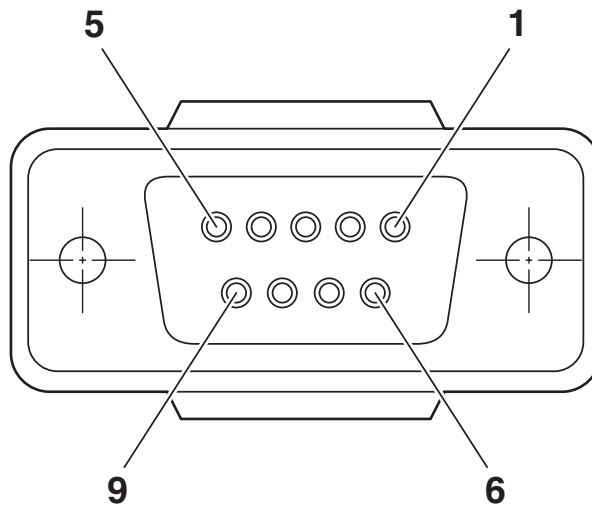
Drawings

Schematic diagram



Connector pin assignment

Schematic diagram



Pin connector pattern

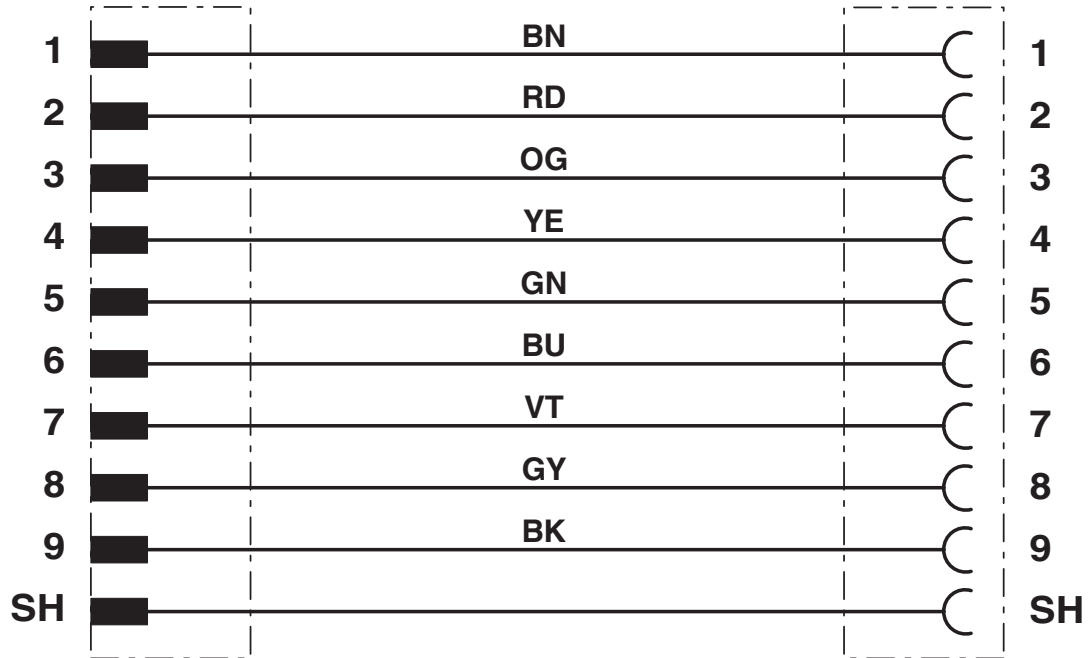
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Circuit diagram



Circuit diagram

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Classifications

ECLASS

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

ETIM

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

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

EF3.1 Climate Change

| | |
|---------|---------------|
| CO2e kg | 4.892 kg CO2e |
|---------|---------------|

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