

# CAB-DSUB25M/OE/22/TP/S/30M - Cable



2909611

<https://www.phoenixcontact.com/us/products/2909611>

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Assembled shielded round cable; connection 1: Twisted pair (25-position) (The wires are marked and fitted with ferrules); connection 2: D-SUB pin strip (1x 25-position); cable length: 30 m

## Your advantages

- Individual wire marking: 1, 2, 3, 4, etc.
- Twisted pairs fitted with ferrules
- Screw connection: 2 UNC 4-40 screws
- Open end at one end
- D-SUB socket or pin strip at one end

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 2909611                        |
| Packing unit                         | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | C421                           |
| Product key                          | DK2BZZ                         |
| GTIN                                 | 4055626682167                  |
| Weight per piece (including packing) | 22.22 g                        |
| Weight per piece (excluding packing) | 22.22 g                        |
| Customs tariff number                | 85444290                       |
| Country of origin                    | US                             |

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## Technical data

### Product properties

|              |              |
|--------------|--------------|
| Product type | System cable |
|--------------|--------------|

### Environmental and real-life conditions

#### Ambient conditions

|                                         |                  |
|-----------------------------------------|------------------|
| Ambient temperature (operation)         | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |

### Electrical properties

|                        |            |
|------------------------|------------|
| Operating voltage (AC) | ≤ 125 V AC |
| Operating voltage (DC) | ≤ 125 V DC |
| Current (Per path)     | ≤ 1 A      |

### Cable/line

|                                 |                                |
|---------------------------------|--------------------------------|
| Cable length                    | 30 m                           |
| Shielded                        | yes                            |
| Conductor type                  | Assembled shielded round cable |
| Conductor structure signal line | 7x                             |
| AWG signal line                 | 22                             |
| Conductor cross section         | 15x 0.36 mm <sup>2</sup>       |
| External cable diameter         | 11.62 mm                       |
| Halogen-free                    | no                             |

#### Color code: Single-core wire

|        |                   |
|--------|-------------------|
| black  | D-SUB25 (1) = ()  |
| red    | D-SUB25 (2) = ()  |
| black  | D-SUB25 (3) = ()  |
| white  | D-SUB25 (4) = ()  |
| black  | D-SUB25 (5) = ()  |
| green  | D-SUB25 (6) = ()  |
| black  | D-SUB25 (7) = ()  |
| blue   | D-SUB25 (8) = ()  |
| black  | D-SUB25 (9) = ()  |
| yellow | D-SUB25 (10) = () |
| black  | D-SUB25 (11) = () |
| brown  | D-SUB25 (12) = () |
| black  | D-SUB25 (13) = () |
| orange | D-SUB25 (14) = () |
| red    | D-SUB25 (15) = () |
| white  | D-SUB25 (16) = () |
| red    | D-SUB25 (17) = () |

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|        |                   |
|--------|-------------------|
| green  | D-SUB25 (18) = () |
| red    | D-SUB25 (19) = () |
| blue   | D-SUB25 (20) = () |
| red    | D-SUB25 (21) = () |
| yellow | D-SUB25 (22) = () |
| red    | D-SUB25 (23) = () |
| brown  | D-SUB25 (24) = () |
| red    | D-SUB25 (25) = () |

## Connection data

### Field level

|                       |                 |
|-----------------------|-----------------|
| Connection method     | D-SUB pin strip |
| Number of connections | 1               |
| Number of positions   | 25              |

### Controller level

|                     |                                               |
|---------------------|-----------------------------------------------|
| Connection method   | Twisted pair                                  |
| Number of positions | 25                                            |
| Note                | The wires are marked and fitted with ferrules |

## Notes

|                    |                                                                                                                                                                                                                                                                                |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Notes on operation | For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met. |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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## Classifications

### ETIM

|          |          |
|----------|----------|
| ETIM 8.0 | EC000237 |
|----------|----------|

### UNSPSC

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

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## Environmental product compliance

EU REACH SVHC

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

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