

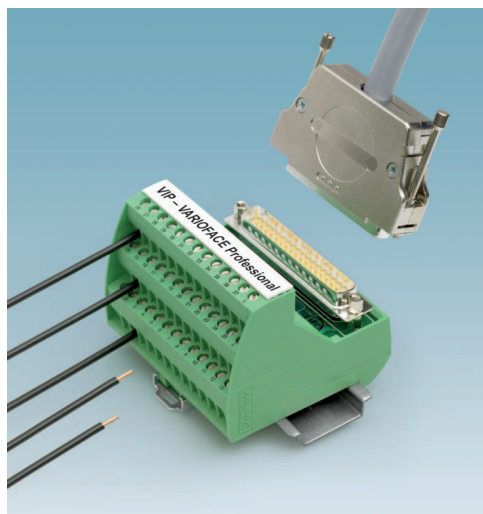
# CABLE-D...SUB...

## VARIOFACE system cable with D-SUB female connector and pin strip

### INTERFACE

Data sheet  
100008\_en\_06

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## 1 Description

The pre-assembled and shielded D-SUB cables can be used as control and signal cables in environments prone to interference. When used with VARIOFACE interface modules (see INTERFACE catalog), they enable quick and easy connection between the control and field level.

Currents of up to 2 A can be transmitted on each signal path thanks to the large conductor cross-sections.

Five configuration versions are available:

- D-SUB female connector at one end;  
D-SUB pin strip at the other end
- D-SUB female connector at both ends
- D-SUB pin strip at both ends
- D-SUB female connector at one end;  
open cable end at the other end
- D-SUB pin strip at one end;  
open cable end at the other end

Various D-SUB cables are available as preferred types in fixed lengths. In addition, cables of any length can be ordered using version codes.

Cables are tested for short circuit, polarity reversal, and open circuit, which ensures they are working properly and prevents time-consuming troubleshooting during startup.

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Make sure you always use the latest documentation.  
It can be downloaded at [www.phoenixcontact.net/catalog](http://www.phoenixcontact.net/catalog).



This data sheet is valid for all products listed on page 3 and onwards:

### 3 Technical data

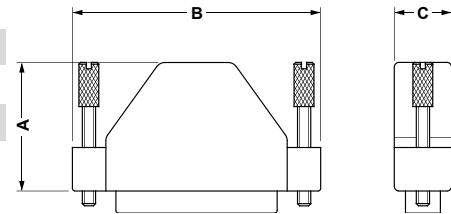
#### General data

|                                                        |                                                          |
|--------------------------------------------------------|----------------------------------------------------------|
| Maximum permissible operating voltage                  | 125 V AC/DC                                              |
| Maximum permissible current carrying capacity per path | 2 A                                                      |
| Maximum conductor resistance                           | 0.09 $\Omega$ /m                                         |
| Ambient temperature range                              | -20°C ... 50°C                                           |
| Shield                                                 | Tinned copper braided shield, approximately 85% covering |
| Insertion/withdrawal cycles                            | > 200                                                    |
| Conductor cross-section                                | 24 AWG/0.25 mm <sup>2</sup>                              |
| Outside diameter                                       |                                                          |
| 9-pos.                                                 | 7.5 mm                                                   |
| 15-pos.                                                | 9 mm                                                     |
| 25-pos.                                                | 10.5 mm                                                  |
| 37-pos.                                                | 12 mm                                                    |
| 50-pos.                                                | 13.5 mm                                                  |

#### Dimensions of the D-SUB connector

|         | A     | B       | C       |
|---------|-------|---------|---------|
| 9-pos.  | 35 mm | 31.5 mm | 15.5 mm |
| 15-pos. | 35 mm | 40 mm   | 15.5 mm |
| 25-pos. | 38 mm | 53.5 mm | 15.5 mm |
| 37-pos. | 51 mm | 70.5 mm | 16 mm   |
| 50-pos. | 51 mm | 68 mm   | 18.5 mm |

#### Dimensional drawing



### 4 Color code with pin assignment for CABLE-D...SUB...

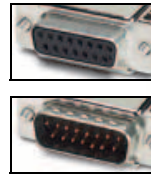
| Number of | PIN | Conductor color      |
|-----------|-----|----------------------|
| 9-pos.    | 1   | White (WH)           |
|           | 2   | Brown (BN)           |
|           | 3   | Green (GN)           |
|           | 4   | Yellow (YE)          |
|           | 5   | Gray (GY)            |
|           | 6   | Pink (PK)            |
|           | 7   | Blue (BU)            |
|           | 8   | Red (RD)             |
|           | 9   | Black (BK)           |
| 15-pos.   | 10  | Violet (VT)          |
|           | 11  | Gray/pink (GY/PK)    |
|           | 12  | Red/blue (RD/BU)     |
|           | 13  | White/green (WH/GN)  |
|           | 14  | Brown/green (BN/GN)  |
|           | 15  | White/yellow (WH/YE) |
| 25-pos.   | 16  | Yellow/brown (YE/BN) |
|           | 17  | White/gray (WH/GY)   |
|           | 18  | Gray/brown (GY/BN)   |
|           | 19  | White/pink (WH/PK)   |
|           | 20  | Pink/brown (PK/BN)   |
|           | 21  | White/blue (WH/BU)   |
|           | 22  | Brown/blue (BN/BU)   |
|           | 23  | White/red (WH/RD)    |
|           | 24  | Brown/red (BN/RD)    |
|           | 25  | White/black (WH/BK)  |

| Number of | PIN | Conductor color               |
|-----------|-----|-------------------------------|
| 37-pos.   | 26  | Brown/black (BN/BK)           |
|           | 27  | Gray/green (GY/GN)            |
|           | 28  | Yellow/gray (YE/GY)           |
|           | 29  | Pink/green (PK/GN)            |
|           | 30  | Yellow/pink (YE/PK)           |
|           | 31  | Green/blue (GN/BU)            |
|           | 32  | Yellow/blue (YE/BU)           |
|           | 33  | Green/red (GN/RD)             |
|           | 34  | Yellow/red (YE/RD)            |
|           | 35  | Green/black (GN/BK)           |
|           | 36  | Yellow/black (YE/BK)          |
|           | 37  | Gray/blue (GY/BU)             |
| 50-pos.   | 38  | Pink/blue (PK/BU)             |
|           | 39  | Gray/red (GY/RD)              |
|           | 40  | Pink/red (PK/RD)              |
|           | 41  | Gray/black (GY/BK)            |
|           | 42  | Pink/black (PK/BK)            |
|           | 43  | Blue/black (BU/BK)            |
|           | 44  | Red/black (RD/BK)             |
|           | 45  | White/brown/black (WH/BN/BK)  |
|           | 46  | Yellow/green/black (YE/GN/BK) |
|           | 47  | Gray/pink/black (GY/PK/BK)    |
| 50-pos.   | 48  | Blue/red/black (BU/RD/BK)     |
|           | 49  | White/green/black (WH/GN/BK)  |
|           | 50  | Green/brown/black (GN/BN/BK)  |

## 5 Ordering data

### 5.1 Shielded system cable with D-SUB female connector and pin strip

- Assembly: D-SUB female connector at one end, D-SUB pin strip at the other end according to IEC 807-2/ DIN 41652 (1:1 connection)
- Cable outlet: Straight
- Metal-plated housing
- Screw connection: 2 UNC 4-40 screws



Special lengths can be defined using an order key, see ordering example on page 4.

### Standard lengths

| Description                                                                                          | Number of positions | Cable length | Type                                   | Order No.            | Pcs./ Pkt. |
|------------------------------------------------------------------------------------------------------|---------------------|--------------|----------------------------------------|----------------------|------------|
| <b>Assembled round cable</b> , with 9-pos. D-SUB female connector and pin strip in fixed lengths     | 9                   | 0.5 m        | CABLE-D 9SUB/B/S/ 50/KONFEK/S          | 2299987              | 1          |
|                                                                                                      |                     | 1.0 m        | CABLE-D 9SUB/B/S/100/KONFEK/S          | 2299990              | 1          |
|                                                                                                      |                     | 1.5 m        | CABLE-D 9SUB/B/S/150/KONFEK/S          | 2300009              | 1          |
|                                                                                                      |                     | 2.0 m        | CABLE-D 9SUB/B/S/200/KONFEK/S          | 2302010              | 1          |
|                                                                                                      |                     | 3.0 m        | CABLE-D 9SUB/B/S/300/KONFEK/S          | 2302023              | 1          |
|                                                                                                      |                     | 4.0 m        | CABLE-D 9SUB/B/S/400/KONFEK/S          | 2302036              | 1          |
|                                                                                                      |                     | 6.0 m        | CABLE-D 9SUB/B/S/600/KONFEK/S          | 2302049              | 1          |
| <b>Assembled round cable</b> , with 9-pos. D-SUB female connector and pin strip in variable lengths  | 9                   | Variable     | CABLE D-SUB-S/09S/C01/... <sup>1</sup> | 2302340 <sup>2</sup> | 1          |
| <b>Assembled round cable</b> , with 15-pos. D-SUB female connector and pin strip in fixed lengths    | 15                  | 0.5 m        | CABLE-D 15SUB/B/S/ 50/KONFEK/S         | 2302052              | 1          |
|                                                                                                      |                     | 1.0 m        | CABLE-D 15SUB/B/S/100/KONFEK/S         | 2302065              | 1          |
|                                                                                                      |                     | 1.5 m        | CABLE-D 15SUB/B/S/150/KONFEK/S         | 2302078              | 1          |
|                                                                                                      |                     | 2.0 m        | CABLE-D 15SUB/B/S/200/KONFEK/S         | 2302081              | 1          |
|                                                                                                      |                     | 3.0 m        | CABLE-D 15SUB/B/S/300/KONFEK/S         | 2302094              | 1          |
|                                                                                                      |                     | 4.0 m        | CABLE-D 15SUB/B/S/400/KONFEK/S         | 2302104              | 1          |
|                                                                                                      |                     | 6.0 m        | CABLE-D 15SUB/B/S/600/KONFEK/S         | 2302117              | 1          |
| <b>Assembled round cable</b> , with 15-pos. D-SUB female connector and pin strip in variable lengths | 15                  | Variable     | CABLE D-SUB-S/15S/C28/... <sup>1</sup> | 2302340 <sup>2</sup> | 1          |
| <b>Assembled round cable</b> , with 25-pos. D-SUB female connector and pin strip in fixed lengths    | 25                  | 0.5 m        | CABLE-D 25SUB/B/S/ 50/KONFEK/S         | 2302120              | 1          |
|                                                                                                      |                     | 1.0 m        | CABLE-D 25SUB/B/S/100/KONFEK/S         | 2302133              | 1          |
|                                                                                                      |                     | 1.5 m        | CABLE-D 25SUB/B/S/150/KONFEK/S         | 2302146              | 1          |
|                                                                                                      |                     | 2.0 m        | CABLE-D 25SUB/B/S/200/KONFEK/S         | 2302159              | 1          |
|                                                                                                      |                     | 3.0 m        | CABLE-D 25SUB/B/S/300/KONFEK/S         | 2302162              | 1          |
|                                                                                                      |                     | 4.0 m        | CABLE-D 25SUB/B/S/400/KONFEK/S         | 2302175              | 1          |
|                                                                                                      |                     | 6.0 m        | CABLE-D 25SUB/B/S/600/KONFEK/S         | 2302188              | 1          |
| <b>Assembled round cable</b> , with 25-pos. D-SUB female connector and pin strip in variable lengths | 25                  | Variable     | CABLE D-SUB-S/25S/C36/... <sup>1</sup> | 2302340 <sup>2</sup> | 1          |
| <b>Assembled round cable</b> , with 37-pos. D-SUB female connector and pin strip in fixed lengths    | 37                  | 0.5 m        | CABLE-D 37SUB/B/S/ 50/KONFEK/S         | 2302191              | 1          |
|                                                                                                      |                     | 1.0 m        | CABLE-D 37SUB/B/S/100/KONFEK/S         | 2302201              | 1          |
|                                                                                                      |                     | 1.5 m        | CABLE-D 37SUB/B/S/150/KONFEK/S         | 2302214              | 1          |
|                                                                                                      |                     | 2.0 m        | CABLE-D 37SUB/B/S/200/KONFEK/S         | 2302227              | 1          |
|                                                                                                      |                     | 3.0 m        | CABLE-D 37SUB/B/S/300/KONFEK/S         | 2302230              | 1          |
|                                                                                                      |                     | 4.0 m        | CABLE-D 37SUB/B/S/400/KONFEK/S         | 2302243              | 1          |
|                                                                                                      |                     | 6.0 m        | CABLE-D 37SUB/B/S/600/KONFEK/S         | 2302256              | 1          |
| <b>Assembled round cable</b> , with 37-pos. D-SUB female connector and pin strip in variable lengths | 37                  | Variable     | CABLE D-SUB-S/37S/C43/... <sup>1</sup> | 2302340 <sup>2</sup> | 1          |
| <b>Assembled round cable</b> , with 50-pos. D-SUB female connector and pin strip in fixed lengths    | 50                  | 0.5 m        | CABLE-D 50SUB/B/S/ 50/KONFEK/S         | 2302269              | 1          |
|                                                                                                      |                     | 1.0 m        | CABLE-D 50SUB/B/S/100/KONFEK/S         | 2302272              | 1          |
|                                                                                                      |                     | 1.5 m        | CABLE-D 50SUB/B/S/150/KONFEK/S         | 2302285              | 1          |
|                                                                                                      |                     | 2.0 m        | CABLE-D 50SUB/B/S/200/KONFEK/S         | 2302298              | 1          |
|                                                                                                      |                     | 3.0 m        | CABLE-D 50SUB/B/S/300/KONFEK/S         | 2302308              | 1          |
|                                                                                                      |                     | 4.0 m        | CABLE-D 50SUB/B/S/400/KONFEK/S         | 2302311              | 1          |
|                                                                                                      |                     | 6.0 m        | CABLE-D 50SUB/B/S/600/KONFEK/S         | 2302324              | 1          |

| Description                                                                                          | Number of positions | Cable length | Type                                   | Order No.            | Pcs./ Pkt. |
|------------------------------------------------------------------------------------------------------|---------------------|--------------|----------------------------------------|----------------------|------------|
| <b>Assembled round cable</b> , with 50-pos. D-SUB female connector and pin strip in variable lengths | 50                  | Variable     | CABLE D-SUB-S/50S/C49/... <sup>1</sup> | 2302340 <sup>2</sup> | 1          |

<sup>1</sup> Please specify cable length, see ordering example  
(Minimum length: 0.2 m)

<sup>2</sup> Version order number

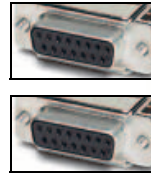
#### Ordering example for round cable assembled with pin strip at one end and female connector at the other end

- Shielded 25-pos. round cable, assembled with a 25-pos. D-SUB female connector and a 25-pos. D-SUB pin strip, 11.5 mm long:

**1 pcs. 2302340/CABLE D-SUB-S/25S/C36/11,50**

## 5.2 Shielded system cable with two D-SUB female connectors

- Assembly: D-SUB female connector at both ends according to IEC 807-2/DIN 41652 (1:1 connection)
- Cable outlet: Straight
- Metal-plated housing
- Screw connection: 2 UNC 4-40 screws



Special lengths can be defined using an order key, see ordering example on page 5.

| Description                                                                             | Number of positions | Cable length | Type                                       | Order No.            | Pcs./ Pkt. |
|-----------------------------------------------------------------------------------------|---------------------|--------------|--------------------------------------------|----------------------|------------|
| <b>Assembled round cable</b> , with 9-pos. D-SUB female connectors in fixed lengths     | 9                   | 1.0 m        | CABLE-D 9SUB/B/B/100/KONFEK/S              | 2305415              | 1          |
|                                                                                         |                     | 2.0 m        | CABLE-D 9SUB/B/B/200/KONFEK/S              | 2305428              | 1          |
|                                                                                         |                     | 3.0 m        | CABLE-D 9SUB/B/B/300/KONFEK/S              | 2305431              | 1          |
| <b>Assembled round cable</b> , with 9-pos. D-SUB female connectors in variable lengths  | 9                   | Variable     | CABLE D-SUB-B-B-S/09S/C22/... <sup>1</sup> | 2302421 <sup>2</sup> | 1          |
| <b>Assembled round cable</b> , with 15-pos. D-SUB female connectors in fixed lengths    | 15                  | 1.0 m        | CABLE-D 15SUB/B/B/100/KONFEK/S             | 2305444              | 1          |
|                                                                                         |                     | 2.0 m        | CABLE-D 15SUB/B/B/200/KONFEK/S             | 2305457              | 1          |
|                                                                                         |                     | 3.0 m        | CABLE-D 15SUB/B/B/300/KONFEK/S             | 2305460              | 1          |
| <b>Assembled round cable</b> , with 15-pos. D-SUB female connectors in variable lengths | 15                  | Variable     | CABLE D-SUB-B-B-S/15S/C29/... <sup>1</sup> | 2302421 <sup>2</sup> | 1          |
| <b>Assembled round cable</b> , with 25-pos. D-SUB female connectors in fixed lengths    | 25                  | 1.0 m        | CABLE-D 25SUB/B/B/100/KONFEK/S             | 2305473              | 1          |
|                                                                                         |                     | 2.0 m        | CABLE-D 25SUB/B/B/200/KONFEK/S             | 2305486              | 1          |
|                                                                                         |                     | 3.0 m        | CABLE-D 25SUB/B/B/300/KONFEK/S             | 2305499              | 1          |
| <b>Assembled round cable</b> , with 25-pos. D-SUB female connectors in variable lengths | 25                  | Variable     | CABLE D-SUB-B-B-S/25S/C37/... <sup>1</sup> | 2302421 <sup>2</sup> |            |
| <b>Assembled round cable</b> , with 37-pos. D-SUB female connectors in fixed lengths    | 37                  | 1.0 m        | CABLE-D 37SUB/B/B/100/KONFEK/S             | 2305509              | 1          |
|                                                                                         |                     | 2.0 m        | CABLE-D 37SUB/B/B/200/KONFEK/S             | 2305512              | 1          |
|                                                                                         |                     | 3.0 m        | CABLE-D 37SUB/B/B/300/KONFEK/S             | 2305525              | 1          |
|                                                                                         |                     | 4.0 m        | CABLE-D 37SUB/B/B/400/KONFEK/S             | 2900759              | 1          |
|                                                                                         |                     | 6.0 m        | CABLE-D 37SUB/B/B/600/KONFEK/S             | 2900760              | 1          |
|                                                                                         |                     | 8.0 m        | CABLE-D 37SUB/B/B/800/KONFEK/S             | 2900761              | 1          |
|                                                                                         |                     | 10.0 m       | CABLE-D 37SUB/B/B/1000/KONFEK/S            | 2900762              | 1          |
|                                                                                         |                     | 15.0 m       | CABLE-D 37SUB/B/B/1500/KONFEK/S            | 2900763              | 1          |
| <b>Assembled round cable</b> , with 37-pos. D-SUB female connectors in variable lengths | 37                  | 20.0 m       | CABLE-D 37SUB/B/B/2000/KONFEK/S            | 2900764              | 1          |
|                                                                                         |                     | Variable     | CABLE D-SUB-B-B-S/37S/C44/... <sup>1</sup> | 2302421 <sup>2</sup> |            |
| <b>Assembled round cable</b> , with 50-pos. D-SUB female connectors in fixed lengths    | 50                  | 1.0 m        | CABLE-D 50SUB/B/B/100/KONFEK/S             | 2305541              | 1          |
|                                                                                         |                     | 2.0 m        | CABLE-D 50SUB/B/B/200/KONFEK/S             | 2305554              | 1          |
|                                                                                         |                     | 3.0 m        | CABLE-D 50SUB/B/B/300/KONFEK/S             | 2305567              | 1          |
| <b>Assembled round cable</b> , with 50-pos. D-SUB female connectors in variable lengths | 50                  | Variable     | CABLE D-SUB-B-B-S/50S/C50/... <sup>1</sup> | 2302421 <sup>2</sup> |            |

<sup>1</sup> Please specify cable length, see ordering example (Minimum length: 0.2 m)

<sup>2</sup> Version order number

### Ordering example for round cable assembled with female connector at both ends

- Shielded 37-pos. round cable, assembled with two 37-pos. D-SUB female connectors, 12.75 m long:

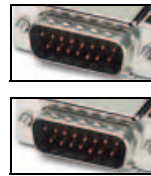
**1 pcs. 2302421/CABLE D-SUB-B-B-S/37S/C44/12,75**

### 5.3 Shielded system cable with two D-SUB pin strips

- Assembly: D-SUB pin strip at both ends according to IEC 807-2/DIN 41652 (1:1 connection)
- Cable outlet: Straight
- Metal-plated housing
- Screw connection: 2 UNC 4-40 screws



Special lengths can be defined using an order key, see ordering example on page 6.



| Description                                                                      | Number of positions | Cable length | Type                                       | Order No.            | Pcs./ Pkt. |
|----------------------------------------------------------------------------------|---------------------|--------------|--------------------------------------------|----------------------|------------|
| <b>Assembled round cable</b> , with 9-pos. D-SUB pin strips in fixed lengths     | 9                   | 1.0 m        | CABLE-D 9SUB/S/S/100/KONFEK/S              | 2305570              | 1          |
|                                                                                  |                     | 2.0 m        | CABLE-D 9SUB/S/S/200/KONFEK/S              | 2305583              | 1          |
|                                                                                  |                     | 3.0 m        | CABLE-D 9SUB/S/S/300/KONFEK/S              | 2305596              | 1          |
| <b>Assembled round cable</b> , with 9-pos. D-SUB pin strips in variable lengths  | 9                   | Variable     | CABLE D-SUB-S-S-S/09S/C70/... <sup>1</sup> | 2302434 <sup>2</sup> | 1          |
| <b>Assembled round cable</b> , with 15-pos. D-SUB pin strips in fixed lengths    | 15                  | 1.0 m        | CABLE-D 15SUB/S/S/100/KONFEK/S             | 2305606              | 1          |
|                                                                                  |                     | 2.0 m        | CABLE-D 15SUB/B/S/200/KONFEK/S             | 2305619              | 1          |
|                                                                                  |                     | 3.0 m        | CABLE-D 15SUB/S/S/300/KONFEK/S             | 2305622              | 1          |
| <b>Assembled round cable</b> , with 15-pos. D-SUB pin strips in variable lengths | 15                  | Variable     | CABLE D-SUB-S-S-S/15S/C71/... <sup>1</sup> | 2302434 <sup>2</sup> | 1          |
| <b>Assembled round cable</b> , with 25-pos. D-SUB pin strips in fixed lengths    | 25                  | 1.0 m        | CABLE-D 25SUB/S/S/100/KONFEK/S             | 2305635              | 1          |
|                                                                                  |                     | 2.0 m        | CABLE-D 25SUB/S/S/200/KONFEK/S             | 2305648              | 1          |
|                                                                                  |                     | 3.0 m        | CABLE-D 25SUB/S/S/300/KONFEK/S             | 2305651              | 1          |
| <b>Assembled round cable</b> , with 25-pos. D-SUB pin strips in variable lengths | 25                  | Variable     | CABLE D-SUB-S-S-S/25S/C72/... <sup>1</sup> | 2302434 <sup>2</sup> | 1          |
| <b>Assembled round cable</b> , with 37-pos. D-SUB pin strips in fixed lengths    | 37                  | 1.0 m        | CABLE-D 37SUB/S/S/100/KONFEK/S             | 2305664              | 1          |
|                                                                                  |                     | 2.0 m        | CABLE-D 37SUB/S/S/200/KONFEK/S             | 2305677              | 1          |
|                                                                                  |                     | 3.0 m        | CABLE-D 37SUB/S/S/300/KONFEK/S             | 2305680              | 1          |
| <b>Assembled round cable</b> , with 37-pos. D-SUB pin strips in variable lengths | 37                  | Variable     | CABLE D-SUB-S-S-S/37S/C73/... <sup>1</sup> | 2302434 <sup>2</sup> | 1          |
| <b>Assembled round cable</b> , with 50-pos. D-SUB pin strips in fixed lengths    | 50                  | 1.0 m        | CABLE-D 50SUB/S/S/100/KONFEK/S             | 2305693              | 1          |
|                                                                                  |                     | 2.0 m        | CABLE-D 50SUB/S/S/200/KONFEK/S             | 2305703              | 1          |
|                                                                                  |                     | 3.0 m        | CABLE-D 50SUB/S/S/300/KONFEK/S             | 2305716              | 1          |
| <b>Assembled round cable</b> , with 50-pos. D-SUB pin strips in variable lengths | 50                  | Variable     | CABLE D-SUB-S-S-S/50S/C74/... <sup>1</sup> | 2302434 <sup>2</sup> | 1          |

<sup>1</sup> Please specify cable length, see ordering example (Minimum length: 0.2 m)

<sup>2</sup> Version order number

#### Ordering example for round cable assembled with pin strip at both ends

- Shielded 15-pos. round cable, assembled with two 15-pos. D-SUB pin strips, 8.5 m long:

**1 pcs. 2302434/CABLE D-SUB-S-S-S/15S/C71/8,50**

#### 5.4 Shielded system cable with D-SUB female connector and one open end

- Assembly: D-SUB female connector at one end, open end at the other end according to IEC 807-2/ DIN 41652 (1:1 connection)
- Cable outlet: Straight
- Metal-plated housing
- Screw connection: 2 UNC 4-40 screws



Special lengths can be defined using an order key, see ordering example on page 8.

| Description                                                                                          | Number of positions | Cable length | Type                                       | Order No.            | Pcs./ Pkt. |
|------------------------------------------------------------------------------------------------------|---------------------|--------------|--------------------------------------------|----------------------|------------|
| <b>Assembled round cable</b> , with 9-pos. D-SUB female connector and one open end in fixed lengths  | 9                   | 0.5 m        | CABLE-D- 9SUB/F/OE/0,25/S/0,5M             | 2926014              | 1          |
|                                                                                                      |                     | 1.0 m        | CABLE-D- 9SUB/F/OE/0,25/S/1,0M             | 2926027              | 1          |
|                                                                                                      |                     | 1.5 m        | CABLE-D- 9SUB/F/OE/0,25/S/1,5M             | 2926030              | 1          |
|                                                                                                      |                     | 2.0 m        | CABLE-D- 9SUB/F/OE/0,25/S/2,0M             | 2926043              | 1          |
|                                                                                                      |                     | 3.0 m        | CABLE-D- 9SUB/F/OE/0,25/S/3,0M             | 2926056              | 1          |
|                                                                                                      |                     | 4.0 m        | CABLE-D- 9SUB/F/OE/0,25/S/4,0M             | 2926069              | 1          |
|                                                                                                      |                     | 6.0 m        | CABLE-D- 9SUB/F/OE/0,25/S/6,0M             | 2926072              | 1          |
|                                                                                                      |                     | Variable     | CABLE-D- 9SUB-F-OE-0,25-S/... <sup>1</sup> | 2900903 <sup>2</sup> | 1          |
|                                                                                                      |                     | 0.5 m        | CABLE-D-15SUB/F/OE/0,25/S/0,5M             | 2926085              | 1          |
|                                                                                                      |                     | 1.0 m        | CABLE-D-15SUB/F/OE/0,25/S/1,0M             | 2926098              | 1          |
| <b>Assembled round cable</b> , with 15-pos. D-SUB female connector and one open end in fixed lengths | 15                  | 1.5 m        | CABLE-D-15SUB/F/OE/0,25/S/1,5M             | 2926108              | 1          |
|                                                                                                      |                     | 2.0 m        | CABLE-D-15SUB/F/OE/0,25/S/2,0M             | 2926111              | 1          |
|                                                                                                      |                     | 3.0 m        | CABLE-D-15SUB/F/OE/0,25/S/3,0M             | 2926124              | 1          |
|                                                                                                      |                     | 4.0 m        | CABLE-D-15SUB/F/OE/0,25/S/4,0M             | 2926137              | 1          |
|                                                                                                      |                     | 6.0 m        | CABLE-D-15SUB/F/OE/0,25/S/6,0M             | 2926140              | 1          |
|                                                                                                      |                     | Variable     | CABLE-D-15SUB-F-OE-0,25-S/... <sup>1</sup> | 2900905 <sup>2</sup> | 1          |
|                                                                                                      |                     | 0.5 m        | CABLE-D-25SUB/F/OE/0,25/S/0,5M             | 2926153              | 1          |
|                                                                                                      |                     | 1.0 m        | CABLE-D-25SUB/F/OE/0,25/S/1,0M             | 2926166              | 1          |
|                                                                                                      |                     | 1.5 m        | CABLE-D-25SUB/F/OE/0,25/S/1,5M             | 2926179              | 1          |
|                                                                                                      |                     | 2.0 m        | CABLE-D-25SUB/F/OE/0,25/S/2,0M             | 2926182              | 1          |
| <b>Assembled round cable</b> , with 25-pos. D-SUB female connector and one open end in fixed lengths | 25                  | 3.0 m        | CABLE-D-25SUB/F/OE/0,25/S/3,0M             | 2926195              | 1          |
|                                                                                                      |                     | 4.0 m        | CABLE-D-25SUB/F/OE/0,25/S/4,0M             | 2926205              | 1          |
|                                                                                                      |                     | 6.0 m        | CABLE-D-25SUB/F/OE/0,25/S/6,0M             | 2926218              | 1          |
|                                                                                                      |                     | Variable     | CABLE-D-25SUB-F-OE-0,25-S/... <sup>1</sup> | 2900906 <sup>2</sup> | 1          |
|                                                                                                      |                     | 0.5 m        | CABLE-D-37SUB/F/OE/0,25/S/0,5M             | 2926221              | 1          |
|                                                                                                      |                     | 1.0 m        | CABLE-D-37SUB/F/OE/0,25/S/1,0M             | 2926234              | 1          |
|                                                                                                      |                     | 1.5 m        | CABLE-D-37SUB/F/OE/0,25/S/1,5M             | 2926247              | 1          |
|                                                                                                      |                     | 2.0 m        | CABLE-D-37SUB/F/OE/0,25/S/2,0M             | 2926250              | 1          |
|                                                                                                      |                     | 3.0 m        | CABLE-D-37SUB/F/OE/0,25/S/3,0M             | 2926263              | 1          |
|                                                                                                      |                     | 4.0 m        | CABLE-D-37SUB/F/OE/0,25/S/4,0M             | 2926276              | 1          |
| <b>Assembled round cable</b> , with 37-pos. D-SUB female connector and one open end in fixed lengths | 37                  | 6.0 m        | CABLE-D-37SUB/F/OE/0,25/S/6,0M             | 2926289              | 1          |
|                                                                                                      |                     | Variable     | CABLE-D-37SUB-F-OE-0,25-S/... <sup>1</sup> | 2900907 <sup>2</sup> | 1          |
|                                                                                                      |                     | 0.5 m        | CABLE-D-50SUB/F/OE/0,25/S/0,5M             | 2926292              | 1          |
|                                                                                                      |                     | 1.0 m        | CABLE-D-50SUB/F/OE/0,25/S/1,0M             | 2926302              | 1          |
|                                                                                                      |                     | 1.5 m        | CABLE-D-50SUB/F/OE/0,25/S/1,5M             | 2926315              | 1          |
|                                                                                                      |                     | 2.0 m        | CABLE-D-50SUB/F/OE/0,25/S/2,0M             | 2926328              | 1          |
|                                                                                                      |                     | 3.0 m        | CABLE-D-50SUB/F/OE/0,25/S/3,0M             | 2926331              | 1          |
|                                                                                                      |                     | 4.0 m        | CABLE-D-50SUB/F/OE/0,25/S/4,0M             | 2926344              | 1          |
|                                                                                                      |                     | 6.0 m        | CABLE-D-50SUB/F/OE/0,25/S/6,0M             | 2926357              | 1          |
|                                                                                                      |                     | Variable     | CABLE-D-50SUB-F-OE-0,25-S/... <sup>1</sup> | 2900908 <sup>2</sup> | 1          |

| Description                                                                                             | Number of positions | Cable length | Type                                       | Order No.            | Pcs./ Pkt. |
|---------------------------------------------------------------------------------------------------------|---------------------|--------------|--------------------------------------------|----------------------|------------|
| <b>Assembled round cable</b> , with 50-pos. D-SUB female connector and one open end in variable lengths | 50                  | Variable     | CABLE-D-50SUB-F-OE-0,25-S/... <sup>1</sup> | 2900908 <sup>2</sup> | 1          |

<sup>1</sup> Please specify cable length, see ordering example  
(Minimum length: 0.2 m)

<sup>2</sup> Version order number

**Ordering example for round cable assembled with female connector at one end and open end at the other end**

- Shielded 37-pos. round cable, assembled with a 37-pos. D-SUB female connector and one open end, 12.75 m long:

**1 pcs. 2900907/CABLE-D-50SUB-F-OE-0,25-S/12,75**

### 5.5 Shielded system cable with D-SUB pin strip and one open end

- Assembly: D-SUB pin strip at one end, open end at the other end according to IEC 807-2/ DIN 41652 (1:1 connection)
- Cable outlet: Straight
- Metal-plated housing
- Screw connection: 2 UNC 4-40 screws



Special lengths can be defined using an order key, see ordering example on page 10.

| Description                                                                                   | Number of positions | Cable length | Type                                       | Order No.            | Pcs./ Pkt. |
|-----------------------------------------------------------------------------------------------|---------------------|--------------|--------------------------------------------|----------------------|------------|
| <b>Assembled round cable</b> , with 9-pos. D-SUB pin strip and one open end in fixed lengths  | 9                   | 0.5 m        | CABLE-D- 9SUB/M/OE/0,25/S/0,5M             | 2926360              | 1          |
|                                                                                               |                     | 1.0 m        | CABLE-D- 9SUB/M/OE/0,25/S/1,0M             | 2926373              | 1          |
|                                                                                               |                     | 1.5 m        | CABLE-D- 9SUB/M/OE/0,25/S/1,5M             | 2926386              | 1          |
|                                                                                               |                     | 2.0 m        | CABLE-D- 9SUB/M/OE/0,25/S/2,0M             | 2926399              | 1          |
|                                                                                               |                     | 3.0 m        | CABLE-D- 9SUB/M/OE/0,25/S/3,0M             | 2926409              | 1          |
|                                                                                               |                     | 4.0 m        | CABLE-D- 9SUB/M/OE/0,25/S/4,0M             | 2926412              | 1          |
|                                                                                               |                     | 6.0 m        | CABLE-D- 9SUB/M/OE/0,25/S/6,0              | 2926425              | 1          |
|                                                                                               |                     | Variable     | CABLE-D- 9SUB-M-OE-0,25-S/... <sup>1</sup> | 2900909 <sup>2</sup> | 1          |
|                                                                                               |                     |              |                                            |                      |            |
|                                                                                               |                     |              |                                            |                      |            |
| <b>Assembled round cable</b> , with 15-pos. D-SUB pin strip and one open end in fixed lengths | 15                  | 0.5 m        | CABLE-D-15SUB/M/OE/0,25/S/0,5M             | 2926438              | 1          |
|                                                                                               |                     | 1.0 m        | CABLE-D-15SUB/M/OE/0,25/S/1,0M             | 2926441              | 1          |
|                                                                                               |                     | 1.5 m        | CABLE-D-15SUB/M/OE/0,25/S/1,5M             | 2926454              | 1          |
|                                                                                               |                     | 2.0 m        | CABLE-D-15SUB/M/OE/0,25/S/2,0M             | 2926467              | 1          |
|                                                                                               |                     | 3.0 m        | CABLE-D-15SUB/M/OE/0,25/S/3,0M             | 2926470              | 1          |
|                                                                                               |                     | 4.0 m        | CABLE-D-15SUB/M/OE/0,25/S/4,0M             | 2926483              | 1          |
|                                                                                               |                     | 6.0 m        | CABLE-D-15SUB/M/OE/0,25/S/6,0M             | 2926496              | 1          |
|                                                                                               |                     | Variable     | CABLE-D-15SUB-M-OE-0,25-S/... <sup>1</sup> | 2900910 <sup>2</sup> | 1          |
|                                                                                               |                     |              |                                            |                      |            |
|                                                                                               |                     |              |                                            |                      |            |
| <b>Assembled round cable</b> , with 25-pos. D-SUB pin strip and one open end in fixed lengths | 25                  | 0.5 m        | CABLE-D-25SUB/M/OE/0,25/S/0,5M             | 2926506              | 1          |
|                                                                                               |                     | 1.0 m        | CABLE-D-25SUB/M/OE/0,25/S/1,0M             | 2926519              | 1          |
|                                                                                               |                     | 1.5 m        | CABLE-D-25SUB/M/OE/0,25/S/1,5M             | 2926522              | 1          |
|                                                                                               |                     | 2.0 m        | CABLE-D-25SUB/M/OE/0,25/S/2,0M             | 2926535              | 1          |
|                                                                                               |                     | 3.0 m        | CABLE-D-25SUB/M/OE/0,25/S/3,0M             | 2926548              | 1          |
|                                                                                               |                     | 4.0 m        | CABLE-D-25SUB/M/OE/0,25/S/4,0M             | 2926551              | 1          |
|                                                                                               |                     | 6.0 m        | CABLE-D-25SUB/M/OE/0,25/S/6,0M             | 2926564              | 1          |
|                                                                                               |                     | Variable     | CABLE-D-25SUB-M-OE-0,25-S/... <sup>1</sup> | 2900911 <sup>2</sup> | 1          |
|                                                                                               |                     |              |                                            |                      |            |
|                                                                                               |                     |              |                                            |                      |            |
| <b>Assembled round cable</b> , with 37-pos. D-SUB pin strip and one open end in fixed lengths | 37                  | 0.5 m        | CABLE-D-37SUB/M/OE/0,25/S/0,5M             | 2926577              | 1          |
|                                                                                               |                     | 1.0 m        | CABLE-D-37SUB/M/OE/0,25/S/1,0M             | 2926580              | 1          |
|                                                                                               |                     | 1.5 m        | CABLE-D-37SUB/M/OE/0,25/S/1,5M             | 2926593              | 1          |
|                                                                                               |                     | 2.0 m        | CABLE-D-37SUB/M/OE/0,25/S/2,0M             | 2926603              | 1          |
|                                                                                               |                     | 3.0 m        | CABLE-D-37SUB/M/OE/0,25/S/3,0M             | 2926616              | 1          |
|                                                                                               |                     | 4.0 m        | CABLE-D-37SUB/M/OE/0,25/S/4,0M             | 2926629              | 1          |
|                                                                                               |                     | 6.0 m        | CABLE-D-37SUB/M/OE/0,25/S/6,0M             | 2926632              | 1          |
|                                                                                               |                     | Variable     | CABLE-D-37SUB-M-OE-0,25-S/... <sup>1</sup> | 2900912 <sup>2</sup> | 1          |
|                                                                                               |                     |              |                                            |                      |            |
|                                                                                               |                     |              |                                            |                      |            |
| <b>Assembled round cable</b> , with 50-pos. D-SUB pin strip and one open end in fixed lengths | 50                  | 0.5 m        | CABLE-D-50SUB/M/OE/0,25/S/0,5M             | 2926645              | 1          |
|                                                                                               |                     | 1.0 m        | CABLE-D-50SUB/M/OE/0,25/S/1,0M             | 2926658              | 1          |
|                                                                                               |                     | 1.5 m        | CABLE-D-50SUB/M/OE/0,25/S/1,5M             | 2926661              | 1          |
|                                                                                               |                     | 2.0 m        | CABLE-D-50SUB/M/OE/0,25/S/2,0M             | 2926674              | 1          |
|                                                                                               |                     | 3.0 m        | CABLE-D-50SUB/M/OE/0,25/S/3,0M             | 2926687              | 1          |
|                                                                                               |                     | 4.0 m        | CABLE-D-50SUB/M/OE/0,25/S/4,0M             | 2926690              | 1          |
|                                                                                               |                     | 6.0 m        | CABLE-D-50SUB/M/OE/0,25/S/6,0M             | 2926700              | 1          |
|                                                                                               |                     |              |                                            |                      |            |
|                                                                                               |                     |              |                                            |                      |            |
|                                                                                               |                     |              |                                            |                      |            |

| Description                                                                                      | Number of positions | Cable length | Type                                       | Order No.            | Pcs./ Pkt. |
|--------------------------------------------------------------------------------------------------|---------------------|--------------|--------------------------------------------|----------------------|------------|
| <b>Assembled round cable</b> , with 50-pos. D-SUB pin strip and one open end in variable lengths | 50                  | Variable     | CABLE-D-50SUB-M-OE-0,25-S/... <sup>1</sup> | 2900913 <sup>2</sup> | 1          |

<sup>1</sup> Please specify cable length, see ordering example (Minimum length: 0.2 m)

<sup>2</sup> Version order number

#### Ordering example for round cable assembled with pin strip at one end and open end at the other end

- Shielded 50-pos. round cable, assembled with a 50-pos. D-SUB pin strip and one open end, 10.50 m long:

**1 pcs. 2900913/CABLE-D-50SUB-M-OE-0,25-S/10,50**

#### 5.6 Unassembled shielded system cable

- Assembly: None



Special lengths can be defined using an order key, see ordering example on page 10.



| Description                                                      | Number of positions | Cable length | Type                                   | Order No.            | Pcs./ Pkt. |
|------------------------------------------------------------------|---------------------|--------------|----------------------------------------|----------------------|------------|
| <b>Round cable</b> , 9-pos., not assembled, in variable lengths  | 9                   | Variable     | CABLE D-SUB-S/09S/C00/... <sup>1</sup> | 2302340 <sup>2</sup> | 1          |
| <b>Round cable</b> , 15-pos., not assembled, in variable lengths | 15                  | Variable     | CABLE D-SUB-S/15S/C00/... <sup>1</sup> | 2302340 <sup>2</sup> | 1          |
| <b>Round cable</b> , 25-pos., not assembled, in variable lengths | 25                  | Variable     | CABLE D-SUB-S/25S/C00/... <sup>1</sup> | 2302340 <sup>2</sup> | 1          |
| <b>Round cable</b> , 37-pos., not assembled, in variable lengths | 37                  | Variable     | CABLE D-SUB-S/37S/C00/... <sup>1</sup> | 2302340 <sup>2</sup> | 1          |
| <b>Round cable</b> , 50-pos., not assembled, in variable lengths | 50                  | Variable     | CABLE D-SUB-S/50S/C00/... <sup>1</sup> | 2302340 <sup>2</sup> | 1          |

<sup>1</sup> Please specify cable length, see ordering example (Minimum length: 0.2 m)

<sup>2</sup> Version order number

#### Ordering example for unassembled round cable

- Shielded 25-pos. round cable, not assembled, 35 m long:

**1 pcs. 2302340/CABLE D-SUB-S/25S/C00/35,00**