

# VIP-2/SC/D15SUB/M - Interface module



2315120

<https://www.phoenixcontact.com/us/products/2315120>

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VARIOFACE module, with screw connection and male D-Subminiature pin strip, for mounting on NS 35 rails, 15-pos.

## Your advantages

- 9-pos. ... 50-pos.
- Metal foot
- In accordance with IEC 60603-13
- 1:1 connection
- Screw connection

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 2315120             |
| Packing unit                         | 1 pc                |
| Minimum order quantity               | 1 pc                |
| Sales key                            | C423                |
| Product key                          | CK2421              |
| Catalog page                         | Page 552 (C-5-2019) |
| GTIN                                 | 4046356312912       |
| Weight per piece (including packing) | 107.2 g             |
| Weight per piece (excluding packing) | 106.3 g             |
| Customs tariff number                | 85366990            |
| Country of origin                    | US                  |

# VIP-2/SC/D15SUB/M - Interface module



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## Technical data

### Product properties

|                     |                        |
|---------------------|------------------------|
| Product type        | Interface module       |
| Product family      | VARIOFACE Professional |
| Number of positions | 15                     |

### Insulation characteristics

|                      |    |
|----------------------|----|
| Overvoltage category | II |
| Pollution degree     | 2  |

### Electrical properties

|   |         |
|---|---------|
| Nominal voltage $U_N$                     | 25 V AC |
|   | 60 V DC |
| Max. current carrying capacity per branch | 2 A     |
| Rated surge voltage                       | 1.2 kV  |

### Connection data

#### Field level

|                                  |   |
|----------------------------------|---|
| Connection in acc. with standard | IEC / EN                                    |
| Connection method                | Screw connection                            |
| Stripping length                 | 8 mm  |
| Screw thread                     | M 3   |
| Conductor cross section rigid    | 0.2 mm <sup>2</sup> ... 4 mm <sup>2</sup>   |
| Conductor cross section flexible | 0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Conductor cross section AWG      | 24 ... 12                                   |
| Tightening torque                | 0.5 Nm ... 0.6 Nm                           |

#### Controller level

|                       |                 |
|-----------------------|-----------------|
| Connection method     | D-SUB pin strip |
| Number of connections | 1               |
| Number of positions   | 15              |

### Signaling

|                        |    |
|------------------------|----|
| Status display present | No |
|------------------------|----|

### Dimensions

#### Item dimensions

|        |         |
|--------|---------|
| Width  | 45 mm   |
| Height | 65.5 mm |
| Depth  | 45.1 mm |

### Material specifications

|       |                 |
|-------|-----------------|
| Color | gray (RAL 7042) |
|-------|-----------------|

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|  |                             |
|--|-----------------------------|
| Flammability rating according to UL 94 | V0                          |
| Housing insulation material            | Polyamide PA non-reinforced |

## Environmental and real-life conditions

### Ambient conditions

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

## Standards and regulations

|                       |              |
|-----------------------|--------------|
| Standards/regulations | IEC 60664    |
|                       | DIN EN 50178 |

## Mounting

|                   |                   |
|-------------------|-------------------|
| Mounting type     | DIN rail mounting |
| Mounting position | any               |

## Notes

|         |  |
|---------|--|
| General | 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. |
|---------|--|

# VIP-2/SC/D15SUB/M - Interface module

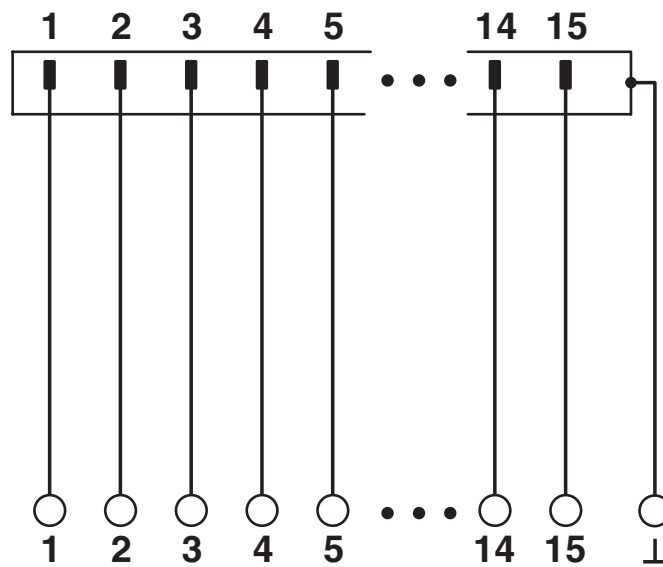
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## Drawings

Circuit diagram



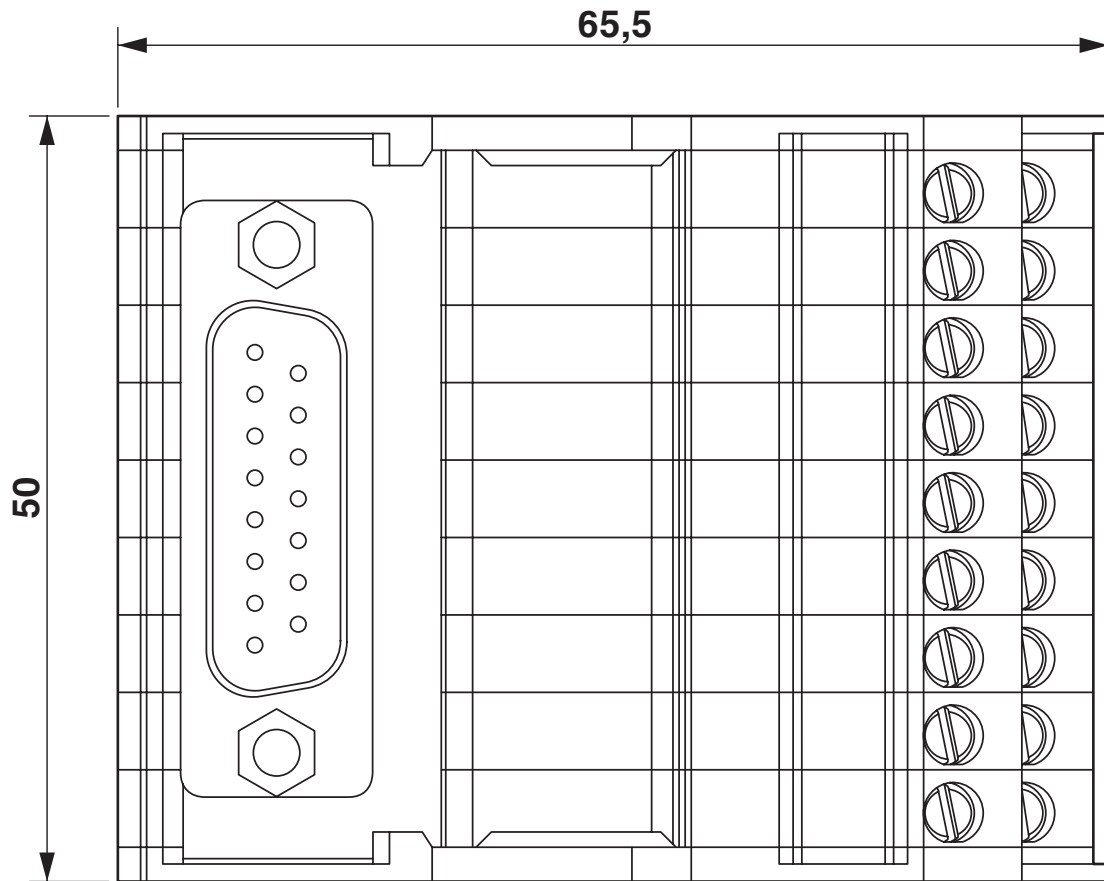
# VIP-2/SC/D15SUB/M - Interface module



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Dimensional drawing



# VIP-2/SC/D15SUB/M - Interface module





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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2315120>

|  <b>CSA</b><br>Approval ID: 2122203 |                       |                       |                   |                             |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
|  | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
|  | 105 V                 | 2 A                   | 28 - 14           | -                           |

|  <b>cUL Recognized</b><br>Approval ID: FILE E 238705 |                       |                       |                   |                             |
|---|-----------------------|-----------------------|-------------------|-----------------------------|
|   | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
|   | 125 V                 | 2 A                   | 30 - 12           | -                           |

|  <b>UL Recognized</b><br>Approval ID: FILE E 238705 |                       |                       |                   |                             |
|---|-----------------------|-----------------------|-------------------|-----------------------------|
|   | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
|   | 125 V                 | 2 A                   | 30 - 12           | -                           |

|  <b>EAC</b><br>Approval ID: EAC-Zulassung |  |  |  |  |
|--|--|--|--|--|
|--|--|--|--|--|

|  <b>CSAus</b><br>Approval ID: 2122203 |                       |                       |                   |                             |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
|  | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
|  | 105 V                 | 2 A                   | 28 - 14           | -                           |

| <b>cULus Recognized</b> |  |  |  |  |
|-------------------------|--|--|--|--|
|-------------------------|--|--|--|--|

| <b>cCSAus</b> |  |  |  |  |
|---------------|--|--|--|--|
|---------------|--|--|--|--|

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27141152 |
| ECLASS-12.0 | 27141152 |
| ECLASS-13.0 | 27141152 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC002780 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

# VIP-2/SC/D15SUB/M - Interface module



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## Environmental product compliance

|            |  |
|------------|--|
| REACH SVHC | Lead 7439-92-1   |
| China RoHS | Environmentally Friendly Use Period = 50 years   |
|            | For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads" |



# VIP-2/SC/D15SUB/M - Interface module



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## Accessories

### CABLE D-SUB-S/.../.../... - Cable

2302340

<https://www.phoenixcontact.com/us/products/2302340>



Shielded round cable, assembled with one D-SUB female and pin strip (9-, 15-, 25-, 37-, or 50-pos.), variable cable length

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### CABLE D-SUB-B-B-S/.../.../... - Cable

2302421

<https://www.phoenixcontact.com/us/products/2302421>



Shielded round cable, assembled with two D-SUB female strips (9-, 15-, 25-, 37-, or 50-pos.), variable cable length

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## UC-TM 4 - Marker for terminal blocks

0818111

<https://www.phoenixcontact.com/us/products/0818111>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 4.2 mm, lettering field size: 3.6 x 10.5 mm, Number of individual labels: 120

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## UC-TM 6 - Marker for terminal blocks

0818085

<https://www.phoenixcontact.com/us/products/0818085>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 80

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<https://www.phoenixcontact.com/us/products/2315120>

## UCT-TM 6 - Marker for terminal blocks

0828736

<https://www.phoenixcontact.com/us/products/0828736>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 60

## ZB 5,08:UNBEDRUCKT - Zack marker strip

0809793

<https://www.phoenixcontact.com/us/products/0809793>



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 5.08 mm, lettering field size: 4.98 x 10.5 mm, Number of individual labels: 10

## VIP-2/SC/D15SUB/M - Interface module

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<https://www.phoenixcontact.com/us/products/2315120>



## ZB 22:UNBEDRUCKT - Zack marker strip

0811862

<https://www.phoenixcontact.com/us/products/0811862>



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 22 mm, lettering field size: 10.5 x 21.8 mm, Number of individual labels: 4

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## CABLE-D15SUB/B/S/ 50/KONFEK/S - Cable

2302052

<https://www.phoenixcontact.com/us/products/2302052>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 0.5 m

# VIP-2/SC/D15SUB/M - Interface module



2315120

<https://www.phoenixcontact.com/us/products/2315120>

## CABLE-D15SUB/B/S/100/KONFEK/S - Cable

2302065

<https://www.phoenixcontact.com/us/products/2302065>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 1 m

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## CABLE-D15SUB/B/S/150/KONFEK/S - Cable

2302078

<https://www.phoenixcontact.com/us/products/2302078>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 1.5 m

# VIP-2/SC/D15SUB/M - Interface module



2315120

<https://www.phoenixcontact.com/us/products/2315120>

## CABLE-D15SUB/B/S/200/KONFEK/S - Cable

2302081

<https://www.phoenixcontact.com/us/products/2302081>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 2 m

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## CABLE-D15SUB/B/S/300/KONFEK/S - Cable

2302094

<https://www.phoenixcontact.com/us/products/2302094>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 3 m

# VIP-2/SC/D15SUB/M - Interface module



2315120

<https://www.phoenixcontact.com/us/products/2315120>

## CABLE-D15SUB/B/S/400/KONFEK/S - Cable

2302104

<https://www.phoenixcontact.com/us/products/2302104>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 4 m

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## CABLE-D15SUB/B/S/600/KONFEK/S - Cable

2302117

<https://www.phoenixcontact.com/us/products/2302117>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 6 m

# VIP-2/SC/D15SUB/M - Interface module



2315120

<https://www.phoenixcontact.com/us/products/2315120>

## CABLE-D15SUB/B/S/HF/S/ 1,0M - Cable

1066600

<https://www.phoenixcontact.com/us/products/1066600>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 1 m

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## CABLE-D15SUB/B/S/HF/S/ 2,0M - Cable

1066602

<https://www.phoenixcontact.com/us/products/1066602>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 2 m



# VIP-2/SC/D15SUB/M - Interface module

2315120

<https://www.phoenixcontact.com/us/products/2315120>

## CABLE-D15SUB/B/S/HF/S/ 3,0M - Cable

1066603

<https://www.phoenixcontact.com/us/products/1066603>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: 3 m

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## CABLE-D15SUB-B-S-HF-S/... - Cable

1075565

<https://www.phoenixcontact.com/us/products/1075565>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB pin strip (1x 15-position); cable length: variable

# VIP-2/SC/D15SUB/M - Interface module



2315120

<https://www.phoenixcontact.com/us/products/2315120>

## CABLE-D15SUB/B/B/100/KONFEK/S - Cable

2305444

<https://www.phoenixcontact.com/us/products/2305444>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB socket strip (1x 15-position); cable length: 1 m

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## CABLE-D15SUB/B/B/200/KONFEK/S - Cable

2305457

<https://www.phoenixcontact.com/us/products/2305457>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB socket strip (1x 15-position); cable length: 2 m

# VIP-2/SC/D15SUB/M - Interface module



2315120

<https://www.phoenixcontact.com/us/products/2315120>

## CABLE-D15SUB/B/B/300/KONFEK/S - Cable

2305460

<https://www.phoenixcontact.com/us/products/2305460>



Assembled shielded round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB socket strip (1x 15-position); cable length: 3 m

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## CABLE-D15SUB/B/B/HF/S/ 1,0M - Cable

1066597

<https://www.phoenixcontact.com/us/products/1066597>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB socket strip (1x 15-position); cable length: 1 m

# VIP-2/SC/D15SUB/M - Interface module

2315120

<https://www.phoenixcontact.com/us/products/2315120>

## CABLE-D15SUB/B/B/HF/S/ 2,0M - Cable

1066598

<https://www.phoenixcontact.com/us/products/1066598>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB socket strip (1x 15-position); cable length: 2 m

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## CABLE-D15SUB/B/B/HF/S/ 3,0M - Cable

1066599

<https://www.phoenixcontact.com/us/products/1066599>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB socket strip (1x 15-position); cable length: 3 m

# VIP-2/SC/D15SUB/M - Interface module

2315120

<https://www.phoenixcontact.com/us/products/2315120>

## CABLE-D15SUB-B-B-HF-S/... - Cable

1075566

<https://www.phoenixcontact.com/us/products/1075566>



Assembled, shielded, halogen-free round cable; connection 1: D-SUB socket strip (1x 15-position); connection 2: D-SUB socket strip (1x 15-position); cable length: variable

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## CABLE-D-15SUB/F/OE/0,25/S/0,5M - Cable

2926085

<https://www.phoenixcontact.com/us/products/2926085>



Assembled shielded round cable; connection 1: Single wires (15-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 15-position); cable length: 0.5 m

# VIP-2/SC/D15SUB/M - Interface module

2315120

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## CABLE-D-15SUB/F/OE/0,25/S/1,0M - Cable

2926098

<https://www.phoenixcontact.com/us/products/2926098>



Assembled shielded round cable; connection 1: Single wires (15-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 15-position); cable length: 1 m

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## CABLE-D-15SUB/F/OE/0,25/S/1,5M - Cable

2926108

<https://www.phoenixcontact.com/us/products/2926108>



Assembled shielded round cable; connection 1: Single wires (15-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 15-position); cable length: 1.5 m

# VIP-2/SC/D15SUB/M - Interface module

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## CABLE-D-15SUB/F/OE/0,25/S/2,0M - Cable

2926111

<https://www.phoenixcontact.com/us/products/2926111>



Assembled shielded round cable; connection 1: Single wires (15-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 15-position); cable length: 2 m

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## CABLE-D-15SUB/F/OE/0,25/S/3,0M - Cable

2926124

<https://www.phoenixcontact.com/us/products/2926124>



Assembled shielded round cable; connection 1: Single wires (15-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 15-position); cable length: 3 m

# VIP-2/SC/D15SUB/M - Interface module

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## CABLE-D-15SUB/F/OE/0,25/S/4,0M - Cable

2926137

<https://www.phoenixcontact.com/us/products/2926137>



Assembled shielded round cable; connection 1: Single wires (15-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 15-position); cable length: 4 m

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## CABLE-D-15SUB/F/OE/0,25/S/6,0M - Cable

2926140

<https://www.phoenixcontact.com/us/products/2926140>



Assembled shielded round cable; connection 1: Single wires (15-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 15-position); cable length: 6 m



# VIP-2/SC/D15SUB/M - Interface module



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## CABLE-D-15SUB-F-OE-0,25-S/... - Cable

2900905

<https://www.phoenixcontact.com/us/products/2900905>



Assembled shielded round cable; connection 1: Single wires (15-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB socket strip (1x 15-position); cable length: variable

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