

# VIP-CAB-FLK34/28,0M/S/SC074 - Cable



2908272

<https://www.phoenixcontact.com/us/products/2908272>

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Assembled shielded round cable with additional shield connection and two molded 34-pos. socket strips (1:1 connection). The cable has a 90° punched-on connector and a 180° punched-on connector, cable length: 28 m

## Your advantages

- 34-pos.
- 1:1 connection

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 2908272       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Product key                          | DK2AH2        |
| GTIN                                 | 4055626289670 |
| Weight per piece (including packing) | 3,730 g       |
| Weight per piece (excluding packing) | 3,730 g       |
| Country of origin                    | DE            |

## Technical data

### Product properties

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

#### Insulation characteristics: Air clearances and creepage distances

|                      |                       |
|----------------------|-----------------------|
| Insulation           | Functional insulation |
| Overvoltage category | II                    |
| Pollution degree     | 2                     |

### Environmental and real-life conditions

#### Ambient conditions

|   |  |
|---|--|
| Degree of protection                                    | IP20                                     |
| Degree of protection (Installation location)            | ≥ IP54 (Installation location)           |
| Ambient temperature (operation) (fixed installation)    | -40 °C ... 70 °C (fixed installation)    |
| Ambient temperature (operation) (flexible installation) | -10 °C ... 70 °C (flexible installation) |
| Ambient temperature (storage/transport)                 | -40 °C ... 80 °C                         |
| Altitude  | ≤ 2000 m                                 |

### Electrical properties

|                        |                       |
|------------------------|-----------------------|
| Operating voltage (DC) | ≤ 24 V DC             |
| Nominal operating mode | 100% operating factor |
| Current (Per path)     | ≤ 0.5 A               |

#### Air clearances and creepage distances

|                          |                    |
|--------------------------|--------------------|
| Rated insulation voltage | 50 V               |
| Rated surge voltage      | 0.5 kV (1.2/50 μs) |

### Cable/line

|                                 |                                |
|---------------------------------|--------------------------------|
| Cable length                    | 28 m                           |
| UL AWM Style                    | 2464/1061                      |
| Number of positions             | 34                             |
| Shielded                        | yes                            |
| Conductor type                  | Assembled shielded round cable |
| Conductor structure signal line | 7x 0.16 mm                     |
| AWG signal line                 | 26                             |
| Conductor cross-section         | 34x 0.14 mm <sup>2</sup>       |
| Halogen-free                    | no                             |
| Cable type                      | Cable for one module           |

### Connection data

#### Flat-ribbon cable connector

|                                  |                      |
|----------------------------------|----------------------|
| Connection in acc. with standard | IEC 60603-13         |
| Connection method                | IDC/FLK socket strip |

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|                             |         |
|-----------------------------|---------|
| Number of connections       | 1       |
| Number of positions         | 34      |
| Exit angle                  | 180 °   |
| Insertion/withdrawal cycles | > 200   |
| Pitch                       | 2.54 mm |

## Flat-ribbon cable connector

|                                  |                      |
|----------------------------------|----------------------|
| Connection in acc. with standard | IEC 60603-13         |
| Connection method                | IDC/FLK socket strip |
| Number of connections            | 1                    |
| Number of positions              | 34                   |
| Exit angle                       | 90 °                 |
| Insertion/withdrawal cycles      | > 200                |
| Pitch                            | 2.54 mm              |

## Standards and regulations

### Air clearances and creepage distances

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

## 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. |
|--------------------|--|

Drawings

Diagram



Maximum permissible current per path in uncoiled state

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## Classifications

### ECLASS

ECLASS-13.0

27242220

### 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% |
|-------------------------------------|----------------------------|

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