

## RJ45 connector - CUC-V14-C1ZNI-T/R4P8 - 1422667

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Push-pull connector (version 14), die-cast zinc, with RJ45 connector insert, 8-pos., with IDC fast connection technology, for 1 and 7-wire cores, 23 ... 22 AWG, for cable diameter of 5.5 mm ... 10 mm

### Your advantages

- ✓ Push-pull ADVANCE connector
- ✓ Locking system to prevent inadvertent removal
- ✓ Protected data transmission, thanks to 360° shielding concept
- ✓ High resistance to ESD and EMC for reliable transmission



### Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 1 pc  |
| GTIN         | <br>4 055626 311364 |
| GTIN         | 4055626311364   |

### Technical data

#### Mechanical characteristics

|                              |   |
|------------------------------|---|
| Number of positions          | 8   |
| Connection profile           | RJ45  |
| Locking type                 | Push Pull   |
| Insertion/withdrawal cycles  | ≥ 750   |
| Connection method            | IDC fast connection   |
| Conductor cross section      | 0.23 mm <sup>2</sup> ... 0.32 mm <sup>2</sup> (solid)<br>0.23 mm <sup>2</sup> ... 0.36 mm <sup>2</sup> (flexible) |
| Connection cross section AWG | 23 ... 22 (solid)<br>23 ... 22 (flexible)   |
| Max. cable diameter          | 5.5 mm ... 10 mm  |
| External cable diameter      | 5.5 mm ... 10 mm  |
| Cable outlet                 | angled  |

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## Technical data

### Mechanical characteristics

|                      |  |
|----------------------|--|
| Degree of protection | IP65/IP67  |
| Type                 | Version 14   |
| No. of cable outlets | 1  |
| Note                 | This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 3.01, Order No. 2252 |

### Ambient conditions

|   |                  |
|---|------------------|
| Ambient temperature (operation)         | -40 °C ... 70 °C |
| Ambient temperature (assembly)          | -10 °C ... 40 °C |
| Ambient temperature (storage/transport) | -40 °C ... 70 °C |

### Material data

|                          |               |
|--------------------------|---------------|
| Housing material         | Zinc die-cast |
| Housing surface material | Nickel-plated |
| Seal material            | NBR           |
| Height                   | 50 mm         |

### Electrical characteristics

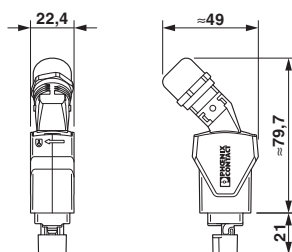
|   |                       |
|---|-----------------------|
| Rated voltage (III/3)                   | 72 V (DC)             |
| Rated current                           | 1.75 A                |
| Frequency range                         | to 100 MHz            |
| Transmission characteristics (category) | CAT5 (IEC 11801:2002) |

### Environmental Product Compliance

|            |   |
|------------|---|
| REACH SVHC | Lead 7439-92-1  |
| China RoHS | Environmentally Friendly Use Period = 50  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Drawings

Dimensional drawing



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