

# CUC-V14-C1ZNI-T/R4E8:10 - RJ45 connector



1422679

<https://www.phoenixcontact.com/us/products/1422679>

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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, 26 ... 24 AWG, for cable diameter of 5.5 mm ... 10 mm

## Your advantages

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

## Commercial data

Item number	1422679
Packing unit	10 pc
Minimum order quantity	10 pc
Note	Made to order (non-returnable)
Sales key	AB17
Product key	ABNOAA
GTIN	4055626311418
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Notes

General	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 3.01, Order No. 2252
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### Product properties

Product type	Data plug
Type	Version 14
Number of positions	8
Connection profile	RJ45
No. of cable outlets	1
Cable outlet	angled

### Electrical properties

Rated voltage (III/3)	72 V (DC)
Rated current	1.75 A
Frequency range	to 100 MHz
Transmission speed	1 Gbps
Transmission characteristics (category)	CAT5 (IEC 11801:2002)

### Connection data

Connection method	IDC fast connection
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### Dimensions

Width	22 mm
Height	50 mm
Length	80 mm

### Material specifications

Seal material	NBR
Housing material	Die-cast zinc
Housing surface material	nickel-plated

### Cable/line

External cable diameter	5.5 mm ... 10 mm
External cable diameter	5.5 mm ... 10 mm

### Mechanical properties

#### Mechanical data

Insertion/withdrawal cycles	≥ 750
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### Environmental and real-life conditions

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## Ambient conditions

Degree of protection	IP65/IP67
Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-10 °C ... 40 °C

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## Classifications

### UNSPSC

UNSPSC 21.0	39121409
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
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