

# RJ45 connector - CUC-V14-C1ZNI-S/R4E8 - 1422661

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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


## Why buy this product

- 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

RoHS

**Ethernet Ethernet**

## Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 311197
GTIN	4055626311197

## Technical data

### Mechanical characteristics

Standards/specifications	IEC 61076
Number of positions	8
Connection profile	RJ45
Locking type	Push Pull
Insertion/withdrawal cycles	≥ 750
Connection method	IDC fast connection
Conductor cross section	0.14 mm <sup>2</sup> ... 0.23 mm <sup>2</sup> (solid)
	0.14 mm <sup>2</sup> ... 0.25 mm <sup>2</sup> (flexible)
Connection cross section AWG	26 ... 24 (solid)
	26 ... 24 (flexible)
Max. cable diameter	5.5 mm ... 10 mm
External cable diameter	5.5 mm ... 10 mm

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## Technical data

### Mechanical characteristics

Cable outlet	straight
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

Flammability rating according to UL 94	V0
Housing material	Zinc die-cast
Housing surface material	Nickel-plated
Contact carrier material	PC
Contact material	Copper alloy
Contact surface material	Gold over nickel
Seal material	NBR
Height	34 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)

### Standards and Regulations

Standards/regulations	IEC 61076
Flammability rating according to UL 94	V0

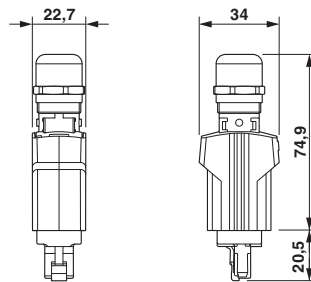
### Environmental Product Compliance

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

## RJ45 connector - CUC-V14-C1ZNI-S/R4E8 - 1422661

Dimensional drawing



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