

## RJ45 connector - CUC-V14-C1ZNI-S/R4IE10G8 - 1149841

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Push-pull ADVANCE connector (version 14), die-cast zinc, with RJ45 connector insert, 8-pos., 10 Gbps, CAT6<sub>A</sub> (IEC 11801:2017), with IDC fast connection technology, for AWG 26 - 24 1-wire, 7-wire, and 19-wire conductors, for cable diameter of 5.5 mm ... 10 mm

### Your advantages

- ✓ Easy and time-saving assembly with IDC fast connection technology
- ✓ Future-proof due to CAT6<sub>A</sub> with 10 Gbps
- ✓ 360° shielding ensures reliable transmission, even in industrial applications
- ✓ Ideal companion for servicing or repairs in the field: no special tools required for mounting
- ✓ Locking system to prevent inadvertent release



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 063151 145842
GTIN	4063151145842

### Technical data

#### Mechanical characteristics

Connection method	IDC fast connection
Minimum external conductor diameter	5.5 mm
Maximum external conductor diameter	10 mm
Overvoltage category	I
AWG solid min.	26
AWG solid max.	24
AWG multi-stranded min.	26
AWG multi-stranded max.	24
Tightening torque max	2.5 Nm
Insertion/withdrawal cycles	≥ 750
Number of positions	8

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## Technical data

### Mechanical characteristics

Degree of protection	IP20
Degree of pollution	2
Cable outlet	straight
No. of cable outlets	1
Locking type	Push Pull
Weight	89.05 g
Flammability rating according to UL 94	V0

### 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

Contact surface material	Au/Ni
Contact material	Cu/Sn
Contact carrier material	PC
Cable gland material	CuZn
Seal material	CR
	NBR
	NBR
Seal material, O-ring	NBR
Seal material cable seal	CR
Seal material	NBR
Width	22.4 mm
Height	34 mm
Length	95 mm
Wrench size	20.00 mm
Housing surface material 1	Cu/Ni

### Electrical characteristics

Transmission speed	10 Gbps
Resistance	500 MΩ
Connection cross section AWG	26 ... 24 (solid)
	26 ... 24 (flexible)
Rated current	1.75 A
Test voltage Core/Core	1000 V
Test voltage Core/Shield	1500 V
Degree of protection when not plugged in	IP20

### Standards and Regulations

Standards/specifications	IEC 61076-3-117
Flammability rating according to UL 94	V0

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## Technical data

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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## Classifications

### eCl@ss

eCl@ss 10.0.1	27440101
eCl@ss 9.0	27440101

### ETIM

ETIM 5.0	EC002636
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## Approvals

### Approvals

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### Approvals

### EAC

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### Ex Approvals

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### Approval details

EAC		B.01687
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## Accessories

### Accessories

### Electronics pliers

#### Diagonal cutter - MICROFOX-SP-1 - 1212487



Electronic diagonal cutter, tapered head, without chamfer, with opening spring, non-reflective phosphate-treated surface, punched version

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### Accessories

Stripping tool - VS-CABLE-STRIP-VARIO - 1657407

Stripping tool, for the multi-level stripping of shielded cables



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