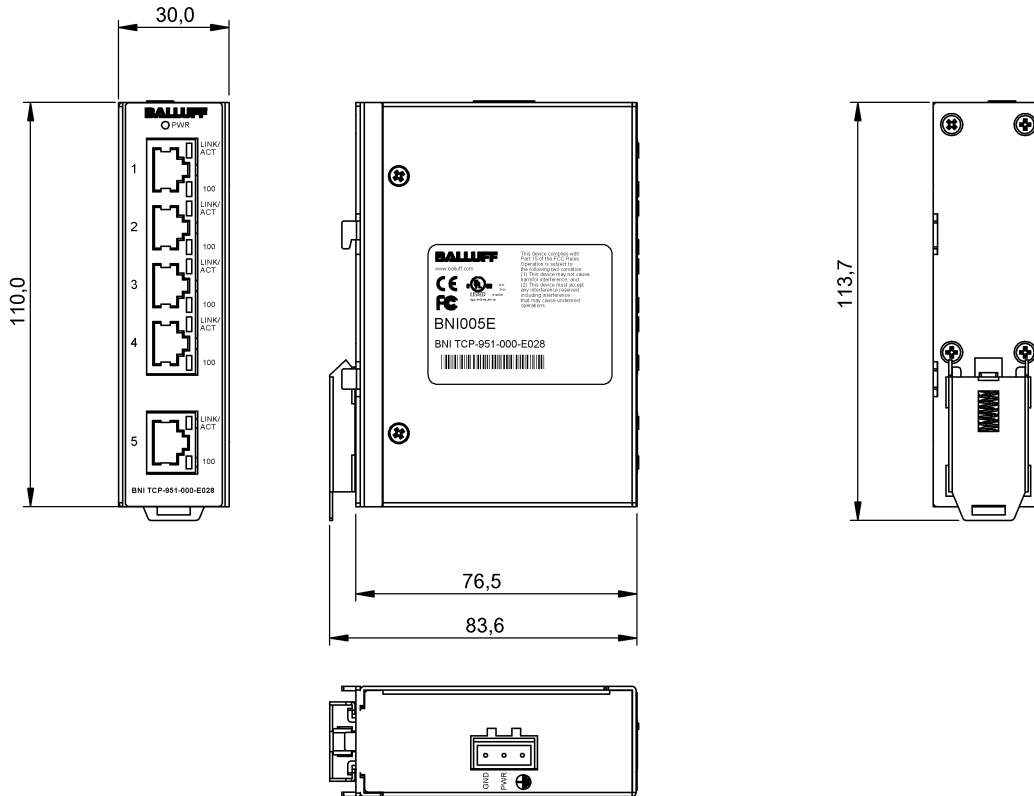


## BNI TCP-951-000-E028 BNI005E



### Display/Operation

Active transmission indicator	LED green
Data rate indicator	LED yellow
Module supply indicator	LED green

### Electrical connection

Cable type (IEE 802.3)	Shielded twisted pair: min. STP CAT5/STP CAT5e
Connection (COM 1)	UPLINK: RJ45-Female, 8-pole
Connection slots	4x RJ45-Female, 8-pole

### Electrical data

Flow control	Half Duplex/Full Duplex (IEEE 802.33x-Pause)
Input current max. at 24 V	150 mA
Operating voltage $U_b$	12...48 VDC
Rated operating voltage $U_e$ DC	24 V
Transfer rate	10...100 Mbit/s

### Environmental conditions

Ambient temperature	-10...60 °C
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EN 60068-2-6, Vibration	5 g, 10...150 Hz, amplitude 0.35 mm
Protection type IEC 60529	IP30
Storage temperature	-25...85 °C

### General data

Approval/Conformity	CE
Style	single-row

### Material

Housing material	Plastic
Housing shield	yes

### Mechanical data

Fastening detail	DIN rail mounting
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### Output/Interface

Auxiliary interfaces	4x Ethernet TCP
Interface	Ethernet TCP/IP 10Base-T/100Base-TX

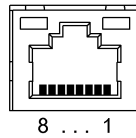
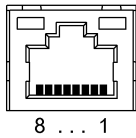
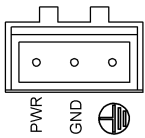
BNI TCP-951-000-E028  
BNI005E

Installation instructions

See short guide

Remarks

## Connector view



PIN 1: Output TD + PIN 2: Output TD- PIN 3: Input RD +  
PIN 4: n.c. PIN 5: n.c. PIN 6: Input RD - PIN 7: n.c. PIN 8: n.c. Standard Port

PIN 1: Input RD + PIN 2: Input RD - PIN 3: Output TD +  
PIN 4: n.c. PIN 5: n.c. PIN 6: Output TD - PIN 7: n.c. PIN 8: n.c. UPLINK port