

# BNC connection box for DIN rail



## PX\_BNC

BNC connection box

For analog I/O boards

DIN-rail mounting

## Features

The connection box PX-BNC allows the direct connection of analog voltage and current signals through BNC connectors. Many ADDI-DATA analog boards can be connected (see table on the right). With the PX-BNC, you can connect up to 8 differential or 16 single-ended analog inputs as well as 8 analog output channels through BNC connectors.

### Housing

The compact housing consists of black painted aluminium, profile IP65 with good impact resistance.

### Accessories

The standard delivery contains 2 clamps for DIN rail mounting.

### Connection to the board

The connection to the board is made through the 37-pin SUB-D female connector, the pin assignment depends on the type of board connected. The connection between PX\_BNC and the ADDI-DATA analog board is made through the standard round cable ST010 (shielded cable, 2 m). Please order the cable separately.

### 16 BNC connectors for analog inputs

The connection box has 16 BNC connectors In 0 to In 15 for the connection of the analog input channels (Channel 0-15) of many ADDI-DATA input and multifunction boards (see table on the right).

The BNC ground is connected to the ground of the analog signals.

The connection of the differential channels (DIFF) is only possible through a special BNC cable.

### 8 BNC connectors for analog outputs

The connection box has 8 BNC connectors Out 0 to Out 7 for the connection of the analog output channels (channel 0-7) of many ADDI-DATA multifunction and output boards (see table on the right).

The BNC ground is connected to the ground of the respective analog output channel.

The PX-BNC can be connected to the following ADDI-DATA analog boards:

Analog input boards	multifunction boards	Analog output board
APCI-3001 / CPCI-3001 APCI-3010 / APCI-3016	APCI-3110 / APCI-3116 APCI-3120 / CPCI-3120 APCIe-3121	APCI-3501



## Specifications

BNC connector:	For the connection of peripherals
BNC connector:	In 0-15 for analog inputs Out 0-7 for analog outputs
SUB-D connector	37-pin SUB-D female connector
Dimensions:	(L x W x H) 210 x 105 x 50 mm
Weight:	727 g
Temperature range:	0-70 °C

## Ordering information

### PX\_BNC

BNC connection box for DIN rail. Incl. technical description.

### Accessories

**Please order separately!**

**ST010:** Standard round cable, shielded, twisted pairs, 2 m

**ST011:** Same as ST010, 5 m  
Other cable version on request