

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 serves for the connection of analog voltage and current signals through BNC female connectors. Up to 8 differential or 16 single-ended analog inputs as well as 8 analog outputs of an ADDI-DATA analog board can be connected to the PX_BNC (see table on the right).

Housing

The compact housing consists of black painted impact-resistant aluminium.

Accessories

The standard delivery contains 2 clamps for DIN rail mounting.

Connection to the board

The PX_BNC is connected to the board through the 37-pin D-Sub female connector. The pin assignment is adjusted to the board. The connection between the PX_BNC and the ADDI-DATA analog board is established through the standard round cable ST010 or ST011. Please order the cable separately.

16 BNC female connectors for analog inputs

The connection box has 16 BNC female connectors In 0 to In 15 for further connection of the analog input channels (channels 0-15) of many ADDI-DATA input and multifunction boards (see table on the right). The BNC shield is connected to the analog signal ground of the respective analog inputs.

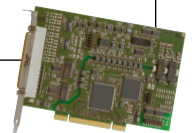
The connection of the differential channels (DIFF) is only possible through a special BNC cable.

8 BNC female connectors for analog outputs

The connection box has 8 BNC female connectors Out 0 to Out 7 for further connection of the analog output channels (channels 0-7) of many ADDI-DATA multifunction and output boards (see table on the right). The BNC shield is connected to the analog signal ground of the respective analog outputs.

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 APCLe-3021	APCI-3110 / APCI-3116 APCI-3120 / CPCI-3120 CPCI-3009 APCLe-3121 / APCLe-3123 CPCIs-3121	APCI-3501 APCLe-3521



Specifications

BNC connector:	For the connection of peripherals In 0-15 for analog inputs Out 0-7 for analog outputs
D-Sub connector:	37-pin D-Sub female connector
Dimensions:	210 x 105 x 50 mm (L x W x H)
Weight:	727 g
Temperature range:	0-60 °C
Housing:	black painted aluminium, impact-resistant
DIN-rail mounting:	Fixing with 2 clamps (included in delivery)

Ordering information

PX_BNC

BNC connection box for DIN rail. Incl. 2 clamps for DIN-rail mounting and technical description.

Accessories

Please order separately!

ST010: Standard round cable, shielded, twisted pairs, 2 m
ST011: Same as ST010, 5 m

ST3009-A: 26-pin HD D-Sub female to 37-pin D-Sub male connector (for CPCI-3009)

ST3009-DZ: 15-pin HD D-Sub female to 37-pin D-Sub male connector (for CPCI-3009)

Other cable versions on request