BNC Connectors for Analog I/O Board
ATP-8L

* Specifications, color and design of the products are subject to change without notice.

ATP-8L are the termination panel with BNC connectors for CONTEC's analog I/O board AIO-160802L-LPE, AI-1616L-LPE, AO-1604L-LPE, ADA16-8/2(LPCI)L, AD16-16(LPCI)L, DA16-4(LPCI)L, ADAI16-8/2(LPCI)L, ADI16-16(LPCI)L, DAI16-4(LPCI)L, AIO-160802LI-PE, AI-1616LI-PE, AO-1604LI-PE of LowProfile size and PC card ADA16-8/2(CB)L *1.

This terminal box eases your connection of external devices and signals.

Note that a part of the analog I/O signals cannot be used when AI-1616L-LPE, AI-1616LI-PE, AO-1604LI-PE, AO-1604L-LPE, AD16-16(LPCI)L, DA16-4(LPCI)L, ADI16-16(LPCI)L and DAI16-4(LPCI)L are used.

*1   For more details on this, refer to "Specifications".

Features

Compact designing
With its compact designing, you can place this BNC connector terminal box at your Personal computer. By removing the connection cable, you can carry this box with your easily.

Lightly designing by Aluminum
It is lightly designed by using an aluminum in consideration of portable.

Easy to connect external signals
Allow you to connect analog signal through a BNC cable. All other digital signals are connected through M3 screw terminals.

Signal name label sheet
A name label sheet of digital signals of AD board or cards is bundled. Sticking this name label helps you to link the external digital signals to our board or PC-Card products.
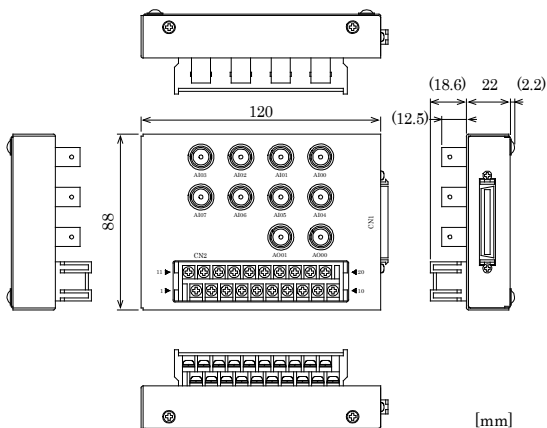
Packing List

ATP-8L Termination Panel...1
User's Manual...1
Signal name label sheet...1

Physical Dimensions

[mm]

List of Option

Cable
BNC-B100 :	BNC cable (1m)
BNC-B200 :	BNC cable (2m)
BNC-B300 :	BNC cable (3m)
BNC-W60 :	One side BNC clip (60cm)

Specifications

Specifications of ATP-8L

Items	Specifications
Supported Products	AIO-160802LI-PE, AI-1616LI-PE, AO-1604LI-PE, AIO-160802L-LPE, AI-1616L-LPE, AO-1604L-LPE, ADA16-8/2(LPCI)L, AD16-16(LPCI)L, DA16-4(LPCI)L, ADAI16-8/2(LPCI)L, ADI16-16(LPCI)L, DAI16-4(LPCI)L, ADA16-8/2(CB)L
Analog Input	8ch (BNC connector, AI00 - AI07)
Analog Output	2ch (BNC connector, AO00 - AO01)
Control input of analog I/O	6ch (Screw terminals, AISTART, AISTOP, AIEXTCLK, AOSTART, AOSTOP, AOEXTCLK)
Digital Input	4channels (Screw terminals, DI00 - DI03)
Digital Output	4channels (Screw terminals, DI00 - DI03)
Counter input and output	1ch (Screw terminals, CNTUP, CNTCLK, CNTOUT)
Operating Conditions	0 - 50ºC, 10 - 90%RH (no condensation)
Dimensions (mm)	120(W)×40.6(D)×88(H) (Not include the height of screw terminal block and rubber feet)
Weight	240g

*1   Up to 8 channels of analog input can be used.
*2   Up to 4 digital inputs, up to 4 digital outputs, up to 1 ch counter input and output are available.

Specifications of Interface Connector CN1

Type of Connector	10250-52A2JL [mfd by 3M] equivalent
Type of mating connector	10150-6000EL [mfd by 3M] equivalent
Connecting Cable	AIO-160802L-LPE, AI-1616L-LPE, AIO-160802LI-PE, AI-1616LI-PE, AO-1604LI-PE, AO-1604L-LPE, ADA16-8/2(LPCI)L, AD16-16(LPCI)L, DA16-4(LPCI)L, ADAI16-8/2(LPCI)L, ADI16-16(LPCI)L, DAI16-4(LPCI)L : PCB50PS-0.5P, PCB50PS-1.5P (Option) ADA16-8/2(CB)L : ADC-68M/50M (Option)

Specifications of Terminal Block

Terminal	OTB-55-20P-C mfd by Osada	Suitable Y-type terminal	C3A mfd by JST Mfg. Co., Ltd.
Screw type	M3		
Dimensions of Terminal [mm]		Dimension of Y-type terminal [mm]	