



Expansions BD BOARD HV-B2AI2PT100

14 bits high precision analog input.

2 channels voltage, 0~10V and 0~5V can be input as analog; 2 channels temperature analog input.

Pt temperature detection resistance (Pt100 2-wire), analog input for temperature sensor.

PRODUCTS STANDARS

1. General Specifications.

Item	Voltage Input	Temperature Input
Analog input signal	DC0~5V, 0~10V (Input resistance 300kΩ)	Platinum resistance Pt100 (2-wire)
Range of temperature measure	-	-100~350℃
Resolution factor	0.15mV (10/16383)	0.1℃
Range of digital output	0~16383	-1000~3500
Integrated accuracy	±0.8% against the full scale	
Conversion time	15ms×4 channels	
PID output value	0~K4095	
Default value of no-load	0	3500
Input characteristics		
Insulation	Without insulation among every PLC channels	
Occupied point	0 point (It is not subject to the standard maximum number of control points in the host PLC, as it operates via a data register).	