

# BD Module: LX5V-2PT-BD / LX5V-2PTS-BD

- 2 entradas de resistencia térmica
- 2 entradas de resistencia térmica, precisión = 0,1°C

## Specification



Model	Channels	Resolution	Functionality
LX5V-2PT-BD	2	14	2 * Thermal Resistance Input
LX5V-2PTS-BD	2	14	2* Thermal Resistance Input, Precision >0.1°C

### Specification

Item	LX5V-2PT-BD
	Voltage input
Digital circuit	5VDC, 90mA (from the internal circuit of the main unit)
Analog input signal	Platinum thermal resistance PT100 sensor (100Ω), 3-wire 2-channel (CH1, CH2)
Sensor current	1mA
Compensation range	-100°C to 600°C
Digital output	-1000 to 6000
Measurement accuracy	12-bit conversion 11 data bits +1 sign bit
Measurement accuracy	0.2°C to 0.3°C
Total accuracy	Full range ±1% (compensation range)
Conversion speed	2-channel 700ms
Input features	

Item	LX5V-2PTS-BD	
	Power supply	24VDC±10%, 50mA; 5VDC±10%, 70mA (The power supply is provided internally by host)
Analog input signal	Platinum thermal resistance PT100 sensor (100Ω), 3-wire 2-channel (CH1, CH2)	
Sensor current	1mA	
Compensation range	-190°C to 600°C (recommended range)	Over range display: 32767
Digital output	-2000 to 6100 (unit 0.1°C)—"maximum display range"	
Measurement accuracy	16-bit conversion 15 data bits +1 sign bit	
Measurement accuracy	0.05°C	
Total accuracy	Full range ±0.5% (compensation range)	
Conversion speed	2 channels 50ms	
Conversion features		