

BD Module: LX3V-2TC2DAI-BD

- 2 entradas de resistencia térmica
- 2 salidas analógicas (4~20 mA)



Specification

Item	LX3V-2TC2DAI-BD	
Power supply	24VDC±10%, 50mA; 5VDC±10%, 70mA (Powered by PLC host)	
Temperature input (TC)		
Analog input signal	Thermocouple: K or J type, 2 channels (CH1, CH2)	
Range of rated temperature	K: -100°C - 1200 °C	J: -100°C - 600 °C
Digital output	K: -1000 - 12000	J: -1000 - 6000
	12 bits total	
Accuracy	K: 0.4 °C	J: 0.3 °C
Overall accuracy	±0.5%	
Conversion rate	50ms	
Conversion characteristics	<p>The graph shows Digital output on the y-axis and Temperature Input on the x-axis. For the K type, the output ranges from -1000 at -100°C to +12000 at 1200°C. For the J type, the output ranges from -1000 at -100°C to +6000 at 600°C.</p>	
Analog output (DAI)		
Rated range	4~20mA: 0~2000	
Analog output	DC 4~20mA (the external load resistance is no less than 500Ω)	
Digital output	12 bit binary	
Resolution	8μA [4~20mA / 2000]	
Precision	±0.5% of full scale	
AD conversion time	One PLC scanning cycle	
Input characteristics	<p>The external load is 250Ω and 0~2000 is converted to 4~20mA</p> <p>The graph shows Analog output on the y-axis and Digital input on the x-axis. The output ranges from 4mA at 0 to 20mA at 2000.</p>	
Insulation	No insulation in each PLC channel	
Occupied points	None	