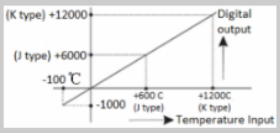
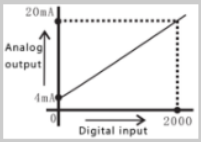
BD Module: LX5V-2TC2DAI-BD

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

Specification

Model	Channels	Resolution	Functionality
LX5V-2TC2DAI-BD	4	14/12 bits	2 * Thermal Resistance Input; 2 * Analog Output (4~20mA)

Specification

Project	LX5V-2TC2DAI-BD	
Power supply	24VDC±10%, 50mA; 5VDC±10%, 70mA (The power supply is provided internally by host)	
TC Part		
Input signal	Thermocouple: Type K or J (both types can be used per channel)	
Rated range	Type K: -100 °C to 1200°C	Type J: -100°C to 600°C
Digital output	Type K: -1000 to 12000	Type J: -1000 to 6000
	12-bit conversion, stored in 16-bit complement	
Over range display	32767	
Measurement accuracy	Type K: 0.4°C	Type J: 0.3°C
Total accuracy	± (0.5% full range + 1°C), pure water condensation point: 0°C/32°F	
Conversion speed	50ms*2 channels (channels that are not used are not converted)	
Conversion features The readings given at the calibration reference point 0 °C (0), respectively. (Limited by overall accuracy)		
DAI section		
Rated range	0 to 2000: 4mA to 20mA	
Analog output range	DC 4mA to 20mA (external load resistance ≤ 500 Ω)	
Digital output	12-bit binary	
Resolution	8uA [4mA to20mA/2000]	
Comprehensive precision	±0.5% of full scale (4mA to 20mA: ±0.08 mA)	
D/A conversion time	One scan cycle (D/A conversion after ladder diagram END instruction is executed, and BD channel output value is updated)	
Output features	External load is 250Ω. 0 to 2000 was converted to 4mA to 20mA. 	
Points occupied	0 point (2DAI is not affected by the standard maximum control points of the main PLC because it is operated through the data register)	