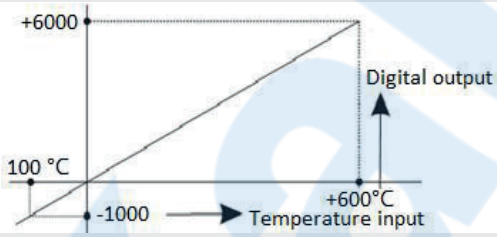
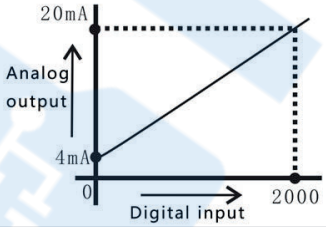
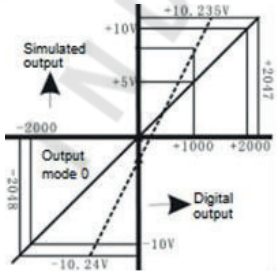
Programmable Logic Controller Module

LX TEMPERATURE & ANALOG BD

Model	Channels	Resolution	Functionality
LX3V-2PT2DAI-BD	4	14/12 bits	2 * Thermal Resistance Input ; 2 * Analog Output (4~20mA)
LX3V-2PT2DAV-BD	4	14/12 bits	2 * Thermal Resistance Input ; 2 * Analog Voltage Output(-10v-10v)

Specification



Item	LX3V-2PT2DAI-BD	LX3V-2PT2DAV-BD
Power supply	24VDC±10%, 50mA; 5VDC±10%, 70mA (Powered by PLC host)	5VDC±10%, 70mA (Powered by PLC host)
	Temperature input (PT)	
Analog input signal	PT100 sensor, 3 wires, 2 channels (CH1, CH2)	
Sensor current	1mA sensor: 100Ω(PT100)	
Compensation range	-100 ℃ - 600 ℃	
Digital output	-1000 – 6000 (Unit: 0.1 ℃) 12 bits total, 11 bits for data and 1 bit for sign	
Accuracy	0.2 ℃ - 0.3 ℃	
Overall accuracy	±0.5%	
Conversion rate	50ms	
Conversion characteristics		
	Analog output (DAI)	**Analog output (DAV)**
Rated range	4~20mA: 0~2000	-10V~10V: -2000~2000
Analog output	DC 4~20mA (the external load resistance is no less than 500Ω)	DC-10V~10V (the external load resistance is no less than 2KΩ)
Digital output	12 bit binary	
Resolution	8uA[4~20mA / 2000]	5mV[10V default scope 1/2000]
Precision	±0.5% of full scale	
AD conversion time	One PLC scanning cycle	
Input characteristics	The external load is 250Ω and 0-2000 is converted to 4-20mA 	
Insulation	No insulation in each PLC channel	
Occupied points	None	