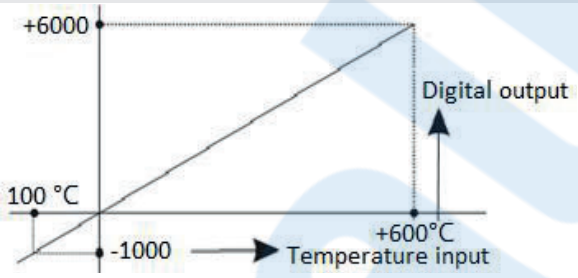
Programmable Logic Controller Module

LX TEMPERATURE BD

Model	Channels	Resolution	Functionality
LX3V-2PT-BD	2	14	2 * Thermal Resistance Input
LX3V-2PTS-BD	2	14	2* Thermal Resistance Input, Precision >0.1C°

Specification

Item	LX3V-2PT-BD
Analog circuitry	DC 24V ±10%, 50mA
Digital circuitry	DC 5V, 90mA (From the PLC internal power supply)
Celsius	Read data by buffers
Analog input signal	PT100 sensor, 3 wires, 4 channels (CH1, CH2, CH3, CH4), 3850PPM/℃
Sensor current	1mA
Compensation range	-100℃ - 600℃
Digital output	-1000 - 6000 12 bits total, 11 bits for data and 1 bit for sign
Accuracy	0.2℃ - 0.3℃
Overall accuracy	±1%
Conversion rate	700ms
Conversion characteristics	



Item	LX3V-2PTS-BD
Analog circuitry	DC 24V ±10%, 50mA
Digital circuitry	DC 5V, 90mA (From the PLC internal power supply)
Celsius	Read data by buffers
Analog input signal	PT100 sensor, 3 wires, 2 channels (CH1, CH2)
Sensor current	1mA, 100Ω, (PT100)
Compensation range	-190 °C - 600 °C (Out of range display 32767)
Digital output	-2000 - 6100 16 bits total, 15 bits for data and 1 bit for sign
Accuracy	0.05 °C
Overall accuracy	±0.5% of the full range (compensation range)
Conversion rate	50ms
Conversion characteristics	