

Model	Channels	Resolution	Functionality
LX3V-4PT V2	4	14 bits	Pt100 input

Specification

Item	LX3V-4PT
Dielectric withstand voltage	500VAC, 1min (between all terminals and ground)
Analog circuits	24V DC \pm 10%, 55mA
Digital circuits	5V DC, 30mA (internal power supply from main unit)
Centigrade ($^{\circ}$ C)/Fahrenheit ($^{\circ}$ F)	Both $^{\circ}$ C and $^{\circ}$ F are available by reading the appropriate buffer memory (BFM).
Analog input signal	Platinum temperature PT 100 sensors (100 Ω), 3-wire, 4-channel (CH1, CH2, CH3, CH4), 3850 PPM/ $^{\circ}$ C
Current to sensor	1 mA. sensor: 100 Ω PT 100
Compensated range	-100 $^{\circ}$ C to 600 $^{\circ}$ C -148 to +1112
Digital output	-1000 to 6000 -1480 to 11120 12-bit conversion, save as complement of 2 in 16 bits
Minimum resolvable temp.	0.2 $^{\circ}$ C to 0.3 $^{\circ}$ C 0.36 $^{\circ}$ F to 0.54 $^{\circ}$ F
Overall accuracy	\pm 1% full scale (compensated range) -see section 7.0 for special EMC considerations
Conversion speed	4 Channels 15ms
CE Certification	CE marked

