



CONTROLLER/ALARM/INDICATOR

4 - 20 mA, Type K/J/R/T

Model : CT-2002MA, CT-2002TEMP

Model, Input	Model : CT-2002-MA Model : CT-2002-TEMP	Input : Linear, 4 - 20 mA Input : Thermocouple, Type K/J/R/T
Display	Model : CT-2002-MA 4 - 20 mA input	* According the 4-20 mA input signal, user can preset the desire display value between -1999 to 9999 (decimal point can select to DP1, DP2, DP3). Until set the display value, all the data will save into the memory circuit permanently
	Model : CT-2002-TEMP Type K/J/R/T input	User can preset the meter for the following Temp. display range : * Type K : 0 - 1,200 °C (6 ranges), °C/°F, 1 degree resolution. Type J : 0 - 1,000 °C (6 ranges), °C/°F, 1 degree resolution. Type R : 0 - 1,600 °C (4 ranges), °C/°F, 1 degree resolution. Type T : 0 - 400 °C (4 ranges), °C/°F, 1 degree resolution.
Output	Relay contact output : 5A/240 VAC (resistive load) Control output : 3 points (Com, NO, NC), Alarm output : 2 points	
Control Modes	ON/OFF Control : Hysteresis or Proportional Control (band 5%). * Cooling action or heating action can be selected.	
Alarm Modes	Deviation high alarm, Deviation low alarm. PV high alarm, PV low alarm.	
Sample Time	2 times/second.	
Display Offset Adj.	Can make the adjustment	
Default	Model : CT-2002-MA 4 - 20 mA input	* Without advice previously, the function of CT-2002-MA will preset Display value to 4 mA = 0, 20 mA = 9999. The Control Model will set to ON/OFF Control, heating action. The Alarm Modes will set to Deviation high alarm.
	Model : CT-2002-TEMP Type K/J/R/T input	* Without advice previously, the function of CT-2002-TEMP will preset Display value to Type K : 0 to 400 °C. The Control Model will set to ON/OFF Control, heating action. The Alarm Modes will set to Deviation high alarm.
Power Supply	90 ACV - 264 ACV, 50/60 Hz	
Power Consumption	Less than 3 VA	
Operation Temperature	0 to 50 °C 32 - 122 °F	
Operation Humidity	Less than 85 % RH (Non condensed).	
Dimension	Case : 96 x 48 x 80 mm. Panel cut size : 92 mm x 45 mm. Refer Fig. 3	
Application of CT-2002-MA	Model : CT-2002-MA (4-20 mA) can cooperate all the LUTRON transmitter (page 1 to page 6), then whole system will be become the useful Controller/Alarm/Indicator for following measuring function : <i>Humidity, Light, pH, Dissolved Oxygen, Conductivity, Vibration Pressure Sound, Temperature, RPM, Hz, Load cell (Weight, Force), Potential (Angle, Level). ACV, ACA, DCV, DCA, WATT, VAR, Power Factor.</i>	