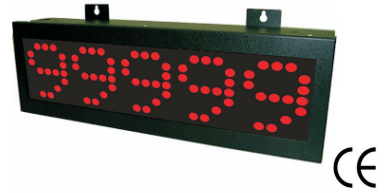


10CM LARGE DISPLAY TEMPERATURE (TC)METER

GBMT



FEATURES

- Accuracy: $\pm 0.2\%$ F.S. $\pm 0.5^{\circ}\text{C}$ (Cold junction compensation)
- Measuring Temperature (TC) sensors for K, J, E, R, S, B, T
- High brightness 10cm LED, display range: 0~99999; decimal point selectable
- 6M distance remote control available for parameters setting
- High stability, non-flammable case (PC), high safety
- Invisible wire connection, easily installation

ORDER INFORMATION: GBMT - Code 1 - Code 2 - Code 3 - Code 4 - Code 5 - Code 6 - Code 7

Code 1	Digits	Code 1	Input Type	Code 2	Aux. Power	Code 3	Control Output	Code 5	Alarm Output	Code 6	Analog Output	Code 7	RS-485
3	3 Digits	B	200~1800°C	A	AC/DC 100~240V	N	None	N	None	N	None	N	None
4	4 Digits	E	-185~990°C	D	AC/DC 22~36V	Y	1 Control	R1	1 Relays	A	4~20mA	Y	Yes
5	5 Digits	J	-200~760°C					R2	2 Relays	V	0~10V		
O	OPTION	K	-200~1360°C					R3	3 Relays	O	Option		
		R	0~1760°C					O1	1 Open Collect				
		S	0~1750°C					O2	2 Open Collect				
		T	-200~395°C					O3	3 Open Collect				

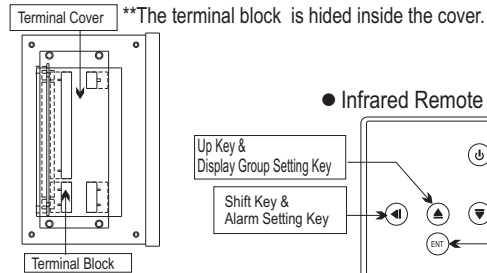
**3 Relay type only offers A(NormalOpen) output. O.C. (Open Collect) offers NPN of C.E. output.

SPECIFICATION

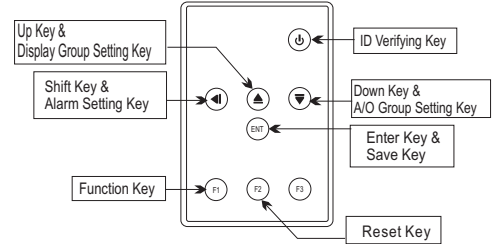
- ◆ Accuracy: $\pm 0.2\%$ F.S. $\pm 0.5^{\circ}\text{C}$ (Cold junction compensation)
- ◆ Display Screen: High brightness red LED; 10cm (4")
- ◆ Sampling Cycle: 60 cycles / sec
- ◆ Display Range: -19999~99999
- ◆ Zero Adjustment: $\cong \pm 10\%$
- ◆ Over Range Indication: DO /IO or -DO/ -IO
- ◆ Polarity Indication: Automatic with "-" indication
- ◆ Parameters Setting: Infrared Remote Control
- ◆ Back Up Memory: EEPROM
- ◆ Alarm Action: " (Hi) on" or "< (Lo) on"
- ◆ Alarm Run Delay Time: $0 \leq 99$ sec
- ◆ Relay Contact: AC 277V / 7A; DC 30V / 7A
- ◆ Analog Output Resolution: 15 bit
- ◆ Output Response Time: <250 msec (0~90%)
- ◆ Output Capability: Voltage Output: <20mA
Current Output: <10V
- ◆ Communication: RS-485 Modbus RTU mode
- ◆ Baud Rate: 19200 / 9600 / 4800 / 2400 bps
- ◆ Parity Check: n.8.2. / n.8.1. / odd / even
- ◆ Temperature Coefficient: 100ppm / °C (0~60°C)
- ◆ Operating Temperature: 0~60°C
- ◆ Operating Humidity: 20~90% RH (non-condensing)
- ◆ Storage Temperature: -10~70°C
- ◆ Storage Humidity: 20~90% RH (non-condensing)
- ◆ Power Supply: AC/DC 100~240VV
- ◆ Power Consumption: <10VA (all functions output)
- ◆ Surge Test: 1.5kVac / 1min (Input / Power)
- ◆ Input Impedence: Voltage: >2V for 20K / V; 2V for >200M
Current: 0.2A at 100mV; <0.2A at 1V

SIDE PANEL & KEY FUNCTIONS

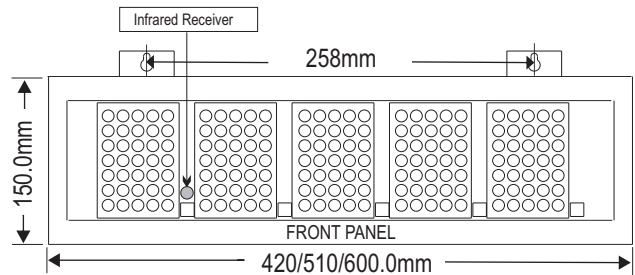
Side View



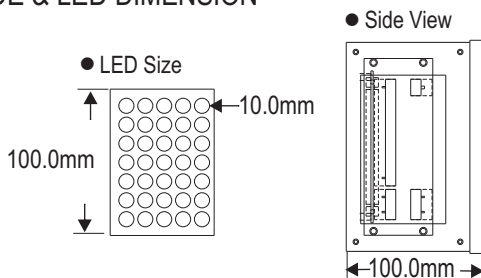
Infrared Remote Control



DIMENSIONS (3/4/5Digits):



SIDE & LED DIMENSION



WIRING CONNECTION

Voltage, Current (AC, DC)

