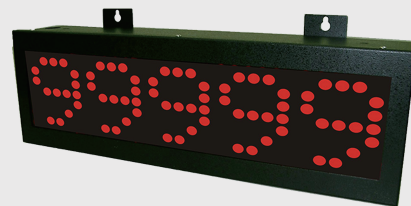


- Accuracy: $\pm 0.03\%$ F.S.; Input frequency: 7KHz(1U2D/1P2D); 3KHz(1A2B)
- Pre-division & Pre-multiply function for input pulse
- High brightness 10cm LED, display range: 0~99999; decimal point selectable
RS-485 communication optional (The above options can exist together)
- 6M distance remote control available for parameters setting
- Invisible wire connection, easily installation
- High stability, painting steel housing, high safety



SPECIFICATION

◆ Accuracy:	$\pm 0.03\%$ F.S.	◆ Output Response Time:	<250 msec (0~90%)
◆ Display Screen:	High brightness red LED; 10cm (4")	◆ Output Capability:	Voltage Output: <20mA Current Output: <10V
◆ Sampling Cycle:	10 cycles / sec: >10Hz f cycles / sec: <10Hz	◆ Communication:	RS-485 Modbus RTU mode
◆ Display Range:	Max to 99999	◆ Baud Rate:	19200 / 9600 / 4800 / 2400 bps
◆ Display Scale Range:	Max to 99.999	◆ Temperature Coefficient:	100ppm / °C (0~60°C)
◆ Over Range Indication:	do / io	◆ Operating Temperature:	0~60°C
◆ Parameters Setting:	Infrared Remote Control	◆ Operating Humidity:	20~90% RH (non-condensing)
◆ Back Up Memory:	EEPROM	◆ Storage Temperature:	-10~70°C
◆ Alarm Action:	" $\geq$ (Hi) on" or "< (Lo) on"	◆ Storage Humidity:	20~90% RH (non-condensing)
◆ Alarm Run Delay Time:	0~99 sec	◆ Power Supply:	AC/DC 100~240V; DC 12 / 24 / 30~90V
◆ Relay Contact:	AC 277V / 7A; DC 30V / 7A	◆ Power Consumption:	10VA (all functions output)
◆ Analog Output Resolution:	15 bit	◆ Surge Test:	1.5KVac / 1min (Input / Power)

ORDER INFORMATION

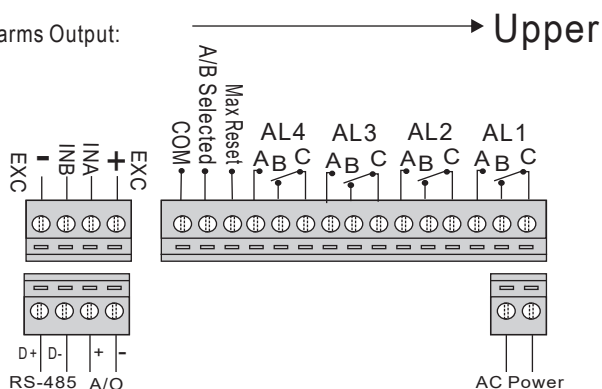
GBMC - [Code 1] - [Code 2] - [Code 3] - [Code 4] [Code 5] [Code 6] [Code 7]

Code 1	Digits	Code 2	Input Signal	Code 2	Input Signal	Code 3	Aux. Power	Code 4	Alarm Output	Code 5	Analog Output	Code 6	RS-485	Code 7	Case size
3	3 Digits	N5	NPN(5V)	VA	AC 2~60V	A	AC/DC 100~240V	N	None	N	None	N	None	3	3 digits
4	4 Digits	N2	NPN(12V)	VB	AC 60~600V	O	Option	R2	2 Relays	A	4~20mA	Y	Yes	4	4 digits
5	5 Digits	P5	PNP(5V)	VC	Pick-up 50mV~1.5V			R3	3 Relays	V	0~10V			5	5 digits
		P2	PNP(12V)	VD	Pick-up 500mV~15V			R4	4 Relays	O	Option			6	6 digits
		CT	Contact	VE	DC 24Vp			O2	2 Open Collect						
				O	Option			O3	3 Open Collect						
								O4	4 Open Collect						

**1: NPN(5V),PNP(5V) offers excitation power DC5V; NPN(12V),PNP(12V) offers excitation power DC12V for sensors using.
2: Please use PNP/NPN(5V/12V) or DC24Vp for DC pulse input.

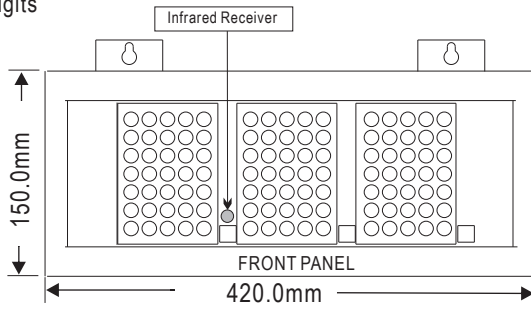
WIRING CONNECTION

- 4 Alarms Output:

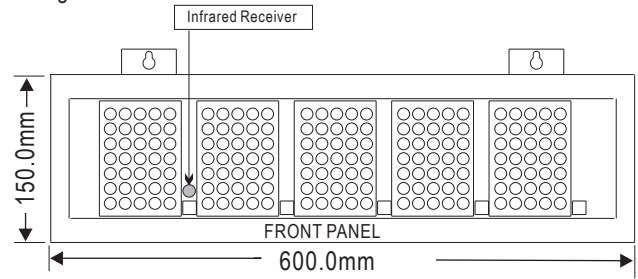


DIMENSION

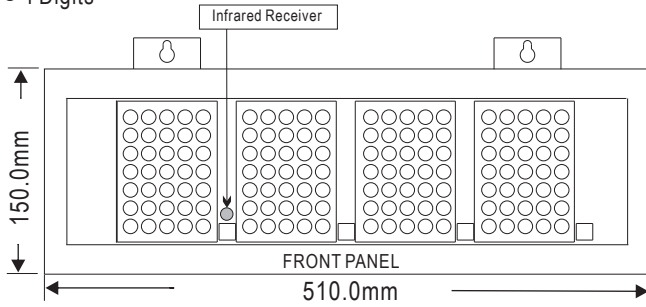
● 3 Digits



● 5 Digits

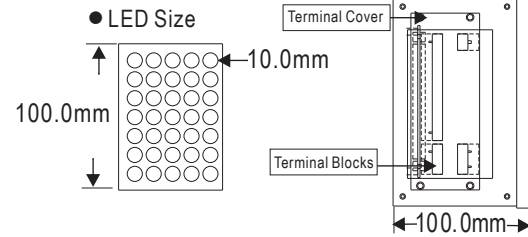


● 4 Digits



● Side View

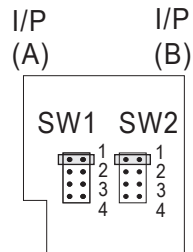
**The terminal block is hidden inside the cover.



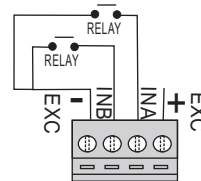
INPUT SIGNAL MODIFICATION

**To Select the pin to modify the input signal for different sensors.

(Vertical View)



SW1	JUMPER	DEFINITION (ON:close;OFF:open)
● ●	1	OFF: 12V; ON: 5V
● ●	2	OFF: 10KHz; ON: 400Hz
● ●	3	OFF: NPN; ON: PNP
● ●	4	OFF: PNP; ON: NPN



Relay Contact: NPN 0~400 Hz

JUMPER	SW1/SW2
1	● ●
2	● ●
3	● ●
4	● ●

**For relay input type, please select NPN 400 Hz.

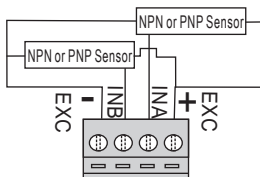
※Connection:

NPN (5V): 0~400 Hz

NPN (5V): 0~10 KHz

NPN (12V): 0~400 Hz

NPN (12V): 0~10 KHz



JUMPER	SW1/SW2
1	● ●
2	● ●
3	● ●
4	● ●

JUMPER	SW1/SW2
1	● ●
2	● ●
3	● ●
4	● ●

JUMPER	SW1/SW2
1	● ●
2	● ●
3	● ●
4	● ●

JUMPER	SW1/SW2
1	● ●
2	● ●
3	● ●
4	● ●

PNP (5V): 0~400 Hz

PNP (5V): 0~10 KHz

PNP (12V): 0~400 Hz

PNP (12V): 0~10 KHz

JUMPER	SW1/SW2
1	● ●
2	● ●
3	● ●
4	● ●

JUMPER	SW1/SW2
1	● ●
2	● ●
3	● ●
4	● ●

JUMPER	SW1/SW2
1	● ●
2	● ●
3	● ●
4	● ●

JUMPER	SW1/SW2
1	● ●
2	● ●
3	● ●
4	● ●