

- Accuracy: $\pm 0.3\%$ F.S.
- Display frequency, rpm, wire speed.
- Support two sets of signal input, independently displayed or arithmetic display setting.
- Output can correspond to display parameters.
- High brightness 0.4" LED display range: -19999~99999; decimal point selectable.
- Surge test of AC 2000V/ min between input, output and power.
- The output corresponding range selectable.
- High stability, non-flammable case (PC), high safety.

SPECIFICATION

- ◆ Accuracy: $\pm 0.1\%$ F.S
- ◆ Display Screen: High brightness red LED; 10.16mm (0.4")
- ◆ Input Frequency: 400~10KHz; 100KHz (50% duty cycle)
- ◆ Sampling Rate: 10 times/ sen; (>10Hz); f times/sec. (<10Hz)
- ◆ Display Range: 0~99999
- ◆ Over Range Indication: doFL/ioFL
- ◆ Parameters Setting: Push buttons
- ◆ Back Up Memory: EEPROM
- ◆ Diameter Range Setting: 0.0001~9.9999M
- ◆ Alarm Action: " \geq (Hi) on" or "< (Lo) on"
- ◆ Alarm Hysteresis: 0~9999
- ◆ Alarm Run Delay Time: 0~99 sec
- ◆ Relay Contact: AC277V/ 7A; DC30V/ 7A
- ◆ Transistor Output: NPN
- ◆ 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: 38400/19200/9600/4800 bps
- ◆ Parity Check: n.8.2./n.8.1./odd/even
- ◆ Temperature Coefficient: 100ppm/ $^{\circ}$ C (0~60 $^{\circ}$ C)
- ◆ Operating Environment: 0~60 $^{\circ}$ C; 20~90% RH (non-condensing)
- ◆ Storage Environment: -10~70 $^{\circ}$ C; 20~90% RH (non-condensing)
- ◆ Power Supply: AC/DC 22~60, AC/DC 100~240
- ◆ Power Consumption: <8.5VA
- ◆ Surge Test: 2 KVac/min
- ◆ Dimension: 50(W)*76(H)*121(D)mm
- ◆ Weight: <500g
- ◆ Installation: Socket/Plug in

ORDER INFORMATION

GCM-R - [Code1] [Code2] - [Code3] - [Code4] [Code5]

Code1	Input Signal	Code1	Input Signal
N5	NPN(5V)	VA	AC 2-60V
N2	NPN(12V)	VB	AC 60-600V
P5	PNP(5V)	VC	Pick-up 50mV~1.5V
P2	PNP(12V)	VD	Pick-up 500mV~15V
CT	Contact	VE	DC 24Vp
		O	Option

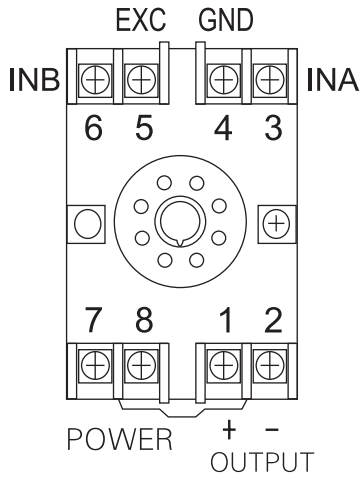
Code2	Unit
H	Hz
R	RPM
M	M/min
Y	Y/min
F	F/min

Code3	Power
A	AC/DC 100~240V
D	AC/DC 22~60V

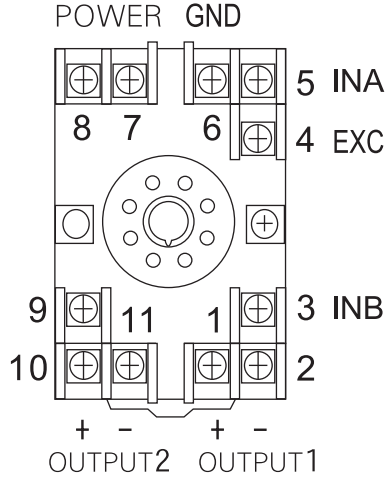
Code4	Output1	Code5	Output2
A	4-20mA	N	None
V	0-10V	A	4-20mA
L	Loop Power 4-20 mAdc	V	0-10V
Y	RS485	L	Loop Power 4-20 mAdc
R	Relay	R	Relay
C	O.C	C	O.C
O	Option	O	Option

WIRING CONNECTION

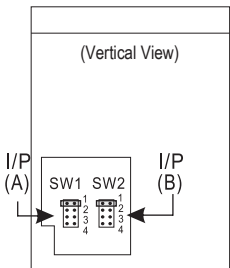
- Dual Input Single Output



- Dual Input Dual Output



INPUT SIGNAL MODIFICATION



SW1/SW2	JUMPER	DEFINITION
• •	1	Open: 12V; Close: 5V
• •	2	Open: 10KHz; Close: 400Hz
• •	3	Open: NPN; Close: PNP
• •	4	Open: PNP; Close: NPN

NPN (5V): 400 Hz

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

NPN (5V): 10 KHz

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

NPN (12V): 400 Hz

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

NPN (12V): 10 KHz

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

PNP (5V): 400 Hz

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

PNP (5V): 10 KHz

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

PNP (12V): 400 Hz

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

PNP (12V): 10 KHz

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