

5-Digit, Microprocessor-based Panel Meter Dual inputs -- RPM, Speed, Frequency -- with 2 x alarm)

AM5B-R

FEATURES

- Accuracy: $\pm 0.03\%$ F.S.
- Measuring AC Frequency / DC Pulse / Magnetic; Input frequency: 0.001Hz~100KHz
- High brightness 0.56" LED display: 0~99999; decimal point selectable
- Linear-Speed / RPM / Frequency selectable
- Linear unit: M, Ft, Y/min selectable
- RPM pulse input programmable: 1~99999
- 2 alarms (Normal Open Contact) setting (Hi or Lo) programmable
- High stability, non-flammable case (PC), high safety
- CE approval



ORDER INFORMATION: AM5B-R - Code 1 - Code 2 - Code 3

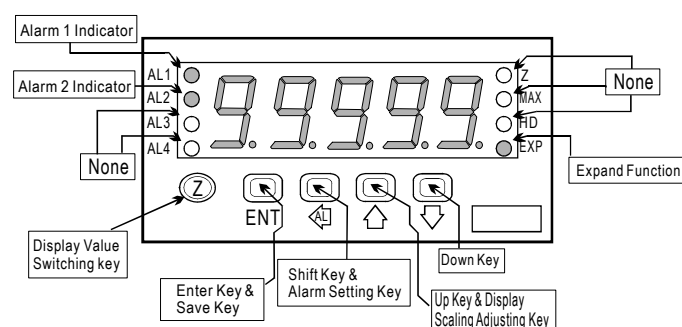
Code 1	Input Signal	Code 1	Input Signal	Code 1	Input Signal	Code 2	Display Unit	Code 3	Aux. Power
N5	NPN(5V)	VA	AC 2~60V	VE	DC 24Vp	H	Hz	A	AC 110/220V
N2	NPN(12V)	VB	AC 60~600V	CT	Contact	R	RPM		
P5	PNP(5V)	VC	Pick-up 50mV~1.5V	O	Option	M	M/min		
P2	PNP(12V)	VD	Pick-up 500mV~15V			Y	Y/min		
						F	F/min		

**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.

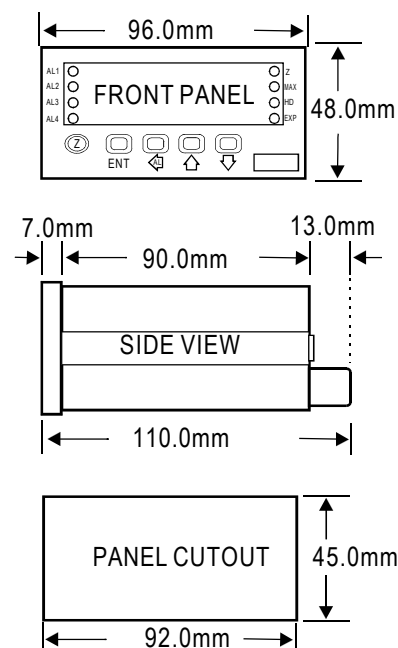
SPECIFICATION

- ◆ Accuracy: $\pm 0.03\%$ F.S.
- ◆ Display Screen: High brightness red LED; 14.22mm(0.56")
- ◆ Max. Input Frequency: 100KHz (50% duty cycle)
- ◆ Sampling Time: 10 cycles / sec: >10Hz
f cycles / sec: <10Hz
- ◆ Display Range: 0~99999
- ◆ Over Range Indication: doFL / ioFL
- ◆ Parameters Setting: Push buttons
- ◆ Back Up Memory: EEPROM
- ◆ Diameter Setting Range: 0.0001~9.9999 (M)
- ◆ Alarm Action: " $\geq$ (Hi) on" or "< (Lo) on"
- ◆ Alarm Run Delay Time: 0~99 sec
- ◆ Relay Contact: AC 277V / 7A; DC 30V / 7A
- ◆ Temperature Coefficient: 100ppm / $^{\circ}\text{C}$ (0~60 $^{\circ}\text{C}$)
- ◆ Operating Temperature: 0~60 $^{\circ}\text{C}$
- ◆ Operating Humidity: 20~90% RH (non-condensing)
- ◆ Storage Temperature: -10~70 $^{\circ}\text{C}$
- ◆ Storage Humidity: 20~90% RH (non-condensing)
- ◆ Power Supply: AC 110/220V $\pm 10\%$; DC 12 / 24 / 30~90V
- ◆ Power Consumption: 4.5VA
- ◆ Surge Test: 2KVac / 1min (Input / Power)

FRONT PANEL & KEY FUNCTIONS



DIMENSION



WIRING CONNECTION

