5-Digit, Microprocessor-based Panel Meter
(with 2 x alarms)

AM5B-A

■ FEATURES

- Accuracy: ±0.1% F.S. ±1 digit (DC / Potentiometer / Resistor / PT-100)
  ±0.2% F.S. ±1 digit (AC)
- Measuring AC, DC Voltage /AC, DC Current / Potentiometer / Resistor / PT-100)
- High brightness 0.56" LED display range: -19999~99999; decimal point selectable
- Reset and 2 alarms (Normal Open Contact) setting (Hi or Lo) programmable
- High stability, non-flammable case (PC), high safety
- CE approval

■ ORDER INFORMATION : AM5B - A - Code 1 Code 2 - Code 3

Code 1	Input Type
D	DC
A	AC AVG
M	AC TRMS
P	3 Wire Potentiometer
I	2 Wire Resistor
T	RTD (PT-100)
L	Load Cell
2	2, 3 Wire Sensor
4	4 Wire Sensor

Code 2	Voltage	Code 2	Current	Code 2	Potentiometer	Code 2	Resistor	Code 2	RTD (PT-100)
V1	0~50mV	A1	0~20uA	P1	500Ω~10KΩ	I1	0~10Ω	T1	-50~50℃
V2	0~5V	A2	0~200uA	P2	10KΩ~100KΩ	I2	0~100Ω	T2	-100~100℃
V3	1~5V	A3	0~2mA	P3	100KΩ~1MΩ	I3	0~1KΩ	T3	-200~200℃
V4	0~10V	A4	0~20mA	PO	Option	I4	0~10KΩ	T4	0~600℃
V5	0~36V	A5	0~200mA			I5	0~100KΩ	TO	Option
V6	0~300V	A6	4~20mA			IO	Option		
V7	0~600V	A7	0~2A						
VO	Option	A8	0~5A						
		A9	0~10A						
		AO	Option						

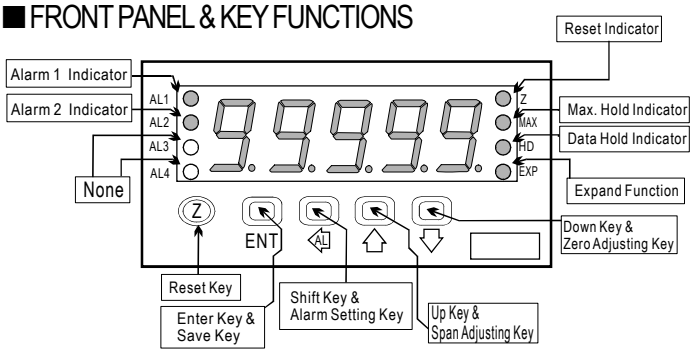
Code 3	Aux. Power
A	AC 110/220V

**1: 2 wire type offers excitation power DC24V for 2 wire (Loop Power) pressure, temperature, humidity sensors using.
2: 3.4 wire type offers excitation power DC24V for 3, 4 wire (Loop Power) pressure, temperature, humidity sensors using.

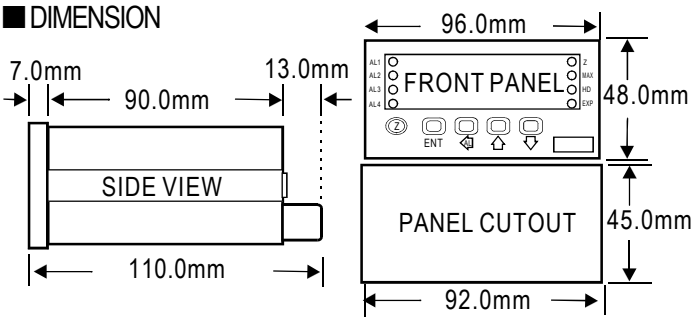
■ SPECIFICATION

- ♦ Accuracy: ±0.1% F.S. ±1 digit (DC / Potentiometer / Resistor / PT-100)
  ±0.2% F.S. ±1 digit (AC)
- ♦ Display Screen: High brightness red LED; 14.22mm(0.56")
- ♦ Sampling Time: 16 cycles / sec
- ♦ Display Range: -19999~99999
- ♦ Zero Adjustment: -19999~99999
- ♦ Over Range Indication: doFL / ioFL or -doFL / -ioFL
- ♦ Polarity Indication: Automatic with "-" indication
- ♦ Parameters Setting: Push buttons
- ♦ Back Up Memory: EEPROM
- ♦ Alarm Action: "≧(Hi) on" or "< (Lo) on"
- ♦ Alarm Run Delay Time: 0~99 sec
- ♦ Relay Contact: AC 277V / 7A; DC 30V / 7A
- ♦ Temperature Coefficient: 100ppm / ℃ (0~60℃)
- ♦ Operating Temperature: 0~60℃
- ♦ Operating Humidity: 20~90% RH (non-condensing)
- ♦ Storage Temperature: -10~70℃
- ♦ Storage Humidity: 20~90% RH (non-condensing)
- ♦ Power Supply: AC 110/220V ±10%; DC 12 / 24 / 30~90V
- ♦ Power Consumption: 4.5VA
- ♦ Surge Test: 2KVac / 1min (Input / Power)
- ♦ Input Impendence: Voltage: >2V for 20KΩ / V; ≦2V for >200MΩ
  Current: ≧0.2A at 100mV; <0.2A at 1V

■ FRONT PANEL & KEY FUNCTIONS

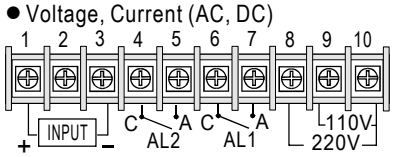


■ DIMENSION

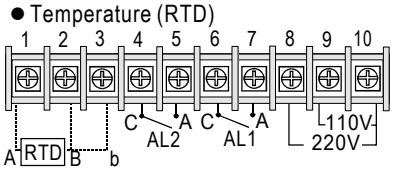


■ WIRING CONNECTION

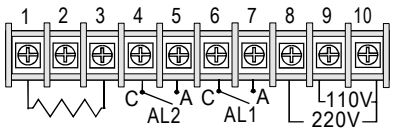
- Voltage, Current (AC, DC)



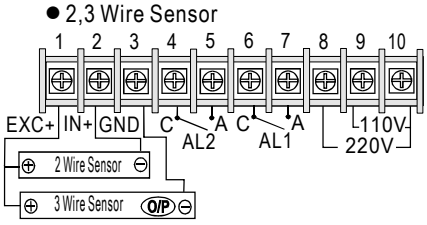
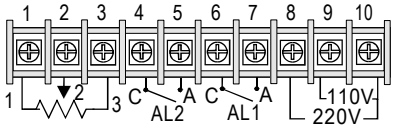
- Temperature (RTD)



- 2 Wire Resistor



- 2,3 Wire Sensor



- 3 Wire Petentiometer