

5-Digit, Microprocessor-based Panel Meter (RPM, Speed, Frequency -- with 2--4 alarms, analogue output & RS485)

AM5H-R

FEATURES

- Accuracy: $\pm 0.03\%$ F.S.
- Measuring AC Frequency / DC Pulse / Magnetic; Input frequency: 0.001Hz~100KHz
- High brightness 0.8" 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
- 2~4 alarms programmable (Hi or Lo) / Analog output (15 bit resolution) / RS-485 communication optional (The above option can exist together)
- High stability, non-flammable case (PC), high safety
- CE approval



ORDER INFORMATION: AM5H-R-Code 1-Code 2-Code 3-Code 4-Code 5-Code 6

Code 1	Input Signal	Code 1	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

Code 2	Display Unit
H	Hz
R	RPM
M	M/min
Y	Y/min
F	F/min

Code 3	Aux. Power
A	AC/DC 100~240V
B	DC 12V
C	DC 24V
D	DC 30~90V

Code 4	Alarm Output
N	None
R2	2 Relays
R3	3 Relays
R4	4 Relays
O2	2 Open Collect
O3	3 Open Collect
O4	4 Open Collect

Code 5	Analog Output
N	None
A	4~20mA
V	0~10V
O	Option

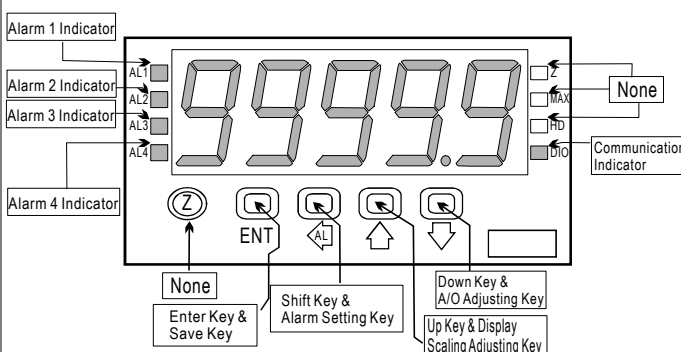
Code 6	RS-485
N	None
Y	Yes

**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.

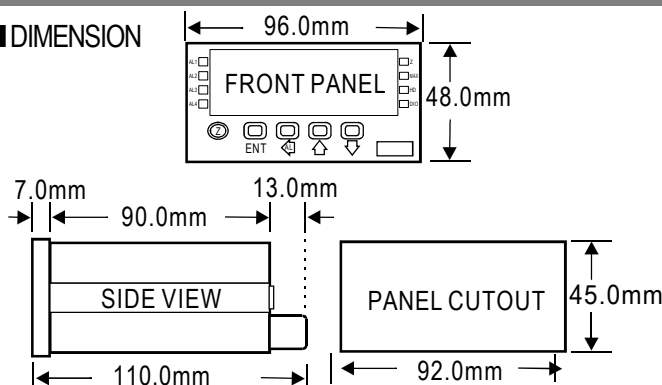
SPECIFICATION

- ◆ Accuracy: $\pm 0.03\%$ F.S.
- ◆ Display Screen: High brightness red LED; 20.3mm(0.8")
- ◆ Sampling Time: 10 cycles / sec: >10Hz
f cycles / sec: <10Hz
- ◆ Display Range: 0~99999
- ◆ Over Range Indication: 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
- ◆ 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
- ◆ 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 100~240V; DC 12 / 24 / 30~90V
- ◆ Power Consumption: 8.5VA (all functions output)
- ◆ Surge Test: 1.5KVac / 1min (Input / Power)

FRONT PANEL & KEY FUNCTIONS

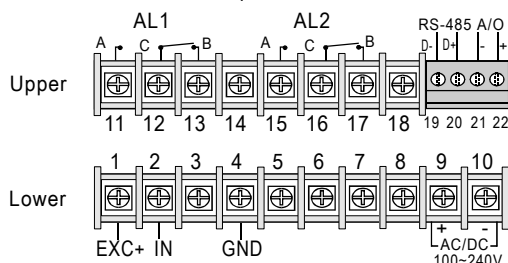


DIMENSION



WIRING CONNECTION

● 2 Alarms Output



● 4 Alarms Output

