

5-Digit, Microprocessor-based RS-485 Meter (with 1--4 x alarms & Analogue output)

AM5H-S

FEATURES

- Programmable display; Alarms & Analog output by RS-485 communication
- High brightness 0.8" LED display range: -19999~99999; decimal point selectable
- 1~4 Alarms (ON / OFF) programmable / Analog output (15 bit resolution) optional
(The above options can exist together)
- High stability, non-flammable case (PC), high safety
- CE approval



ORDER INFORMATION: AM5H-S 485 - Code 1 - Code 2 Code 3

Code 1	Aux. Power
A	AC/DC 100~240V
B	DC 12V
C	DC 24V
D	DC 30~90V

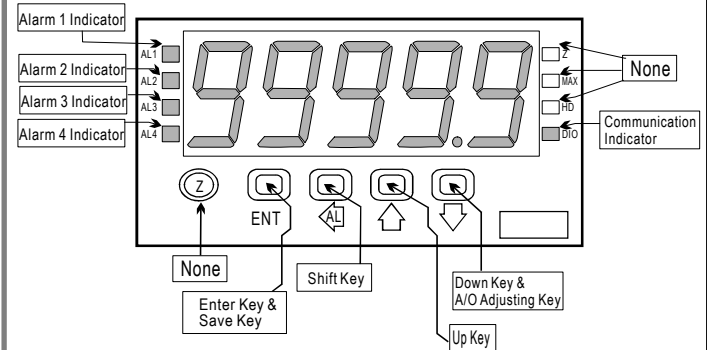
Code 2	Digital Output
N	None
R1	1 Digital Output
R2	2 Digital Output
R3	3 Digital Output
R4	4 Digital Output

Code 3	Analog Output
N	None
A	4~20mA
V	0~10V
O	Option

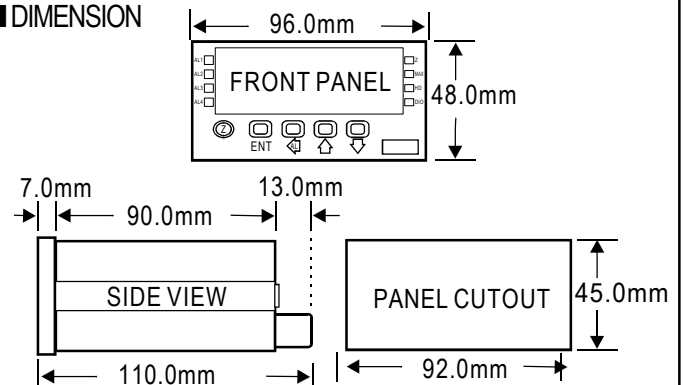
SPECIFICATION

- ◆ Display Screen: High brightness red LED; 20.3mm(0.8")
- ◆ Display Range: -19999~99999
- ◆ 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)
- ◆ Input Impedence: Voltage: >2V for 20KΩ / V; ≤2V for >200MΩ
Current: ≥0.2A at 100mV; <0.2A at 1V

FRONT PANEL & KEY FUNCTIONS



DIMENSION



WIRING CONNECTION

