

3.5-Digit Panel Meter (0.8" LED)

AMB



FEATURES

- Accuracy: $\pm 0.1\%$ F.S. ± 1 digit (DC / Potentiometer / Resistor / PT-100 / Load Cell)
 $\pm 0.2\%$ F.S. ± 1 digit (AC)
- Measuring AC, DC Voltage / AC, DC Current / Potentiometer / Resistor / PT-100 / Load Cell)
- High brightness 0.8" LED display range: -19999~99999; decimal point selectable
- High stability, non-flammable case (PC), high safety
- CE approval

ORDER INFORMATION: AMB - [Code 1] [Code 2] - [Code 3]

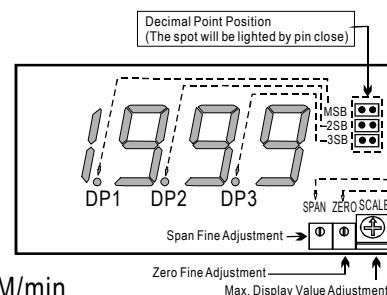
Code 1	Input Type	Code 2	Voltage	Code 2	Current	Code 2	Potentiometer	Code 2	Resistor	Code 2	RTD (PT-100)	Code 2	Load Cell	Code 3	Aux. Power
D	DC	V1	0~50mV	A1	0~20uA	P1	500 Ω ~10K Ω	I1	0~10 Ω	T1	-50~50 $^{\circ}$ C	L1	1mV/V EX.5V	A	AC 110/220V
A	AC AVG	V2	0~5V	A2	0~200uA	P2	10K Ω ~100K Ω	I2	0~100 Ω	T2	-100~100 $^{\circ}$ C	L2	2mV/V EX.5V		
M	AC TRMS	V3	1~5V	A3	0~2mA	P3	100K Ω ~1M Ω	I3	0~1K Ω	T3	-200~200 $^{\circ}$ C	L3	3mV/V EX.5V		
P	3 Wire Potentiometer	V4	0~10V	A4	0~20mA	PO	Option	I4	0~10K Ω	T4	0~600 $^{\circ}$ C	L4	1mV/V EX.10V		
I	2 Wire Resistor	V5	0~36V	A5	0~200mA			I5	0~100K Ω	TO	Option	L5	2mV/V EX.10V		
T	RTD (PT-100)	V6	0~300V	A6	4~20mA			IO	Option			L6	3mV/V EX.10V		
L	Load Cell	V7	0~600V	A7	0~2A							LO	Option		
2	2, 3 Wire Sensor	VO	Option	A8	0~5A										
4	4 Wire Sensor			A9	0~10A										
				AO	Option										

- **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.
 3: Load Cell type of excitation power DC5V can have 2 load cell in parallel; DC10V only can offer 1 load cell to use.

SPECIFICATION

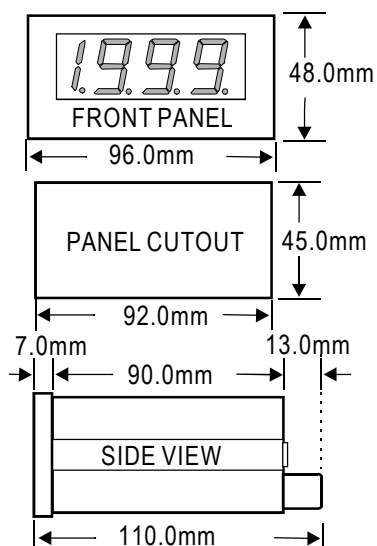
- ◆ Accuracy: $\pm 0.1\%$ F.S. ± 1 digit (DC / Potentiometer / Resistor / PT-100 / Load Cell)
 $\pm 0.2\%$ F.S. ± 1 digit (AC)
- ◆ Display Screen: High brightness red LED; 20.3mm(0.8")
- ◆ Sampling Time: 3 cycles / sec
- ◆ Display Range: -1999~1999
- ◆ Zero Adjustment: $\pm 5\%$
- ◆ Over Range Indication: 1 or -1
- ◆ Polarity Indication: Automatic with "-" indication
- ◆ Temperature Coefficient: 100ppm / $^{\circ}$ C (0~60 $^{\circ}$ C)
- ◆ Operating Temperature: 0~60 $^{\circ}$ C
- ◆ Operating Humidity: 20~90% RH (non-condensing)
- ◆ Storage Temperature: -10~70 $^{\circ}$ C
- ◆ Storage Humidity: 20~90% RH (non-condensing)
- ◆ Power Supply: AC 110/220V $\pm 10\%$
- ◆ Power Consumption: 4.5VA
- ◆ Surge Test: 2KVac / 1min (Input / Power)
- ◆ Input Impedence: Voltage: $>2V$ for 20K Ω / V; $\leq 2V$ for $>200M\Omega$
Current: $\geq 0.2A$ at 100mV; $<0.2A$ at 1V

CALIBRATION



- Example:
 Input: DC0-10V
 Display: 0-100.0 M/min
 Aux. Power: AC110V or 220V (50 or 60Hz)
- Calibrating Steps:
 1. Close 3SB, and DP3 lights.
 2. Input DC10V and adjust (SCALE) to max. display value 100.0
 3. Input DC 0V and adjust (ZERO) to 0.00
 4. Input DC 10V and fine adjust (SPAN), to 100.0
 5. Finish the calibration

DIMENSION



WIRING CONNECTION

