

3 1/2 DIGITAL PANEL METER OF PROGRAMMABLE

MODEL
M1



(FEATURES)

- Accuracy 0.1% F.S. +/- 1 digit
- Measuring DCA/DCV/ACA/ACV/Potentiometer/Transmitter/Pt-100/Load Cell/Resistor/etc.....
- Programmable rate 0 to 1999 digit
- Decimal point can be modified
- Dimension small and High stability

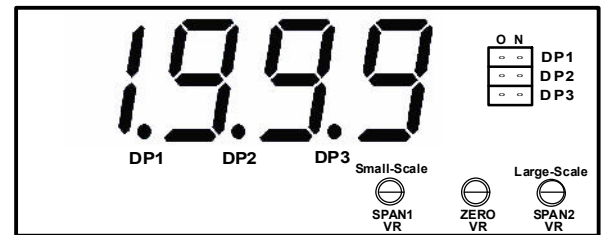
1. MODEL: M1-() () () () - [Min.] - [Max.] - [Unit]

| NO | Input Type | NO | DCV(ACV) | NO | DCA(ACA) | NO | Potentiometer | NO | Transmitter | NO | Pt-100 | NO | Load Cell | NO | Aux. Power |
|----|---------------|----|-----------|----|-----------|----|---------------|----|------------------------------|----|-----------------|----|------------------------------|----|---|
| A | DC | 11 | 0-50mV | 21 | 0-19.99uA | 31 | 0-10% | 41 | DC4-20mA | 51 | -50.0-+50.0°C | 61 | 2mV/V | A | AC110/220V |
| B | AC(RMS) | 12 | 0-5V | 22 | 0-199.9uA | 32 | 0-50% | 42 | DC1-5V | 52 | -100.0-+100.0°C | 62 | 3mV/V | B | DC24V |
| C | AC(TRMS) | 13 | 0-10V | 23 | 0-1.999mA | 33 | 0-100% | 43 | DC4-20mA | 53 | -199.9-+199.9°C | 63 | 2mV/V | C | DC48V |
| D | Potentiometer | 14 | 0-36V | 24 | 0-19.99mA | 34 | 5-95% | 44 | DC1-5V | 54 | 0-+850°C | 64 | 3mV/V | D | DC110V |
| E | Transmitter | 15 | 0-54V | 25 | 0-199.9mA | 35 | 10-90% | 49 | SPECIFIED | 55 | -200-+850°C | 69 | SPECIFIED | O | SPECIFIED |
| F | Pt-100(RTD) | 16 | 0-110V | 26 | 0-1.999A | 39 | SPECIFIED | | #41/42 nonexciting DC20V | 59 | SPECIFIED | | | | |
| H | Load Cell | 17 | 0-600V | 27 | 0-5.00A | | | | #43/44 exciting DC20V(<25mA) | | | | #61/62 Exciting DC5V(<100mA) | | #+/- 20% of rate less 3VA for AC input |
| R | Resistor | 18 | 0-1000V | 28 | 0-10.00A | | | | | | | | #63/64 Exciting DC12V(<50mA) | | #+/- 20% of rate less 3 WATT for DC input |
| O | SPECIFIED | 19 | SPECIFIED | 29 | SPECIFIED | | | | | | | | | | |

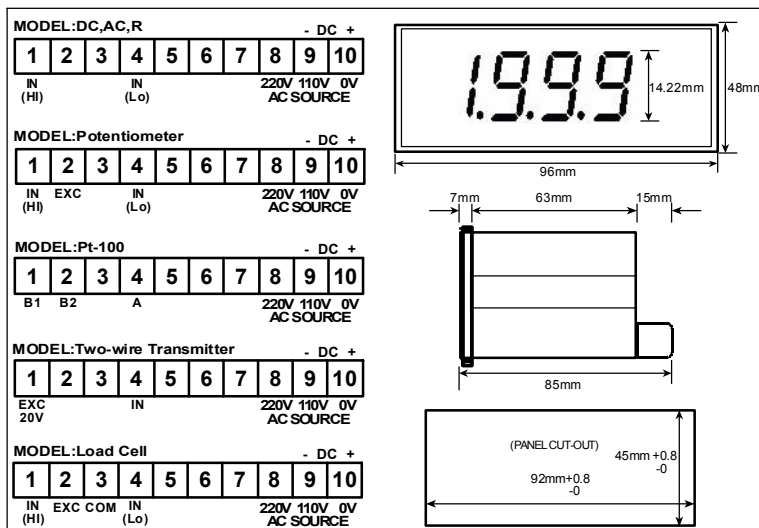
2. SPECIFICATION

- Measuring accuracy : 0.1% F.S. +/- 1 digit (23+/-5°C) 0.2% F.S. +/- 1 digit(AC(RMS))
- Sampling time : 2 cycles/sec.
- Zero (offset) range : 0- +/-100 digit adjustable
- Over input indication : " 1 " or " -1 "
- Display : Red high efficiency LEDs high 14.22mm(.56")
- Polarity display : When input is negative " - " display
- Temp. coefficient : 100ppm/°C(0-50°C)
- Dielectric strength : 2KVac/1 min. (input/power)
- Operating condition : 0-50°C(20 to 90% RH non-condensed)
- Storage condition : 0-70°C(20 to 90% RH non-condensed)

4. Program of span and zero and decimal point set



3. OUTSIDE DIMENSION AND CONNECTION DIAGRAM



5. Application

Example:M1-A13A-0-100.0M/min

- #Input range : DC0-10V
- #Readout range : 0-100.0M/min
- #Aux. power supper : AC110V or 220V (50 or 60Hz)
- #Adjusting process : (1)Set DP3 on
(2)Set up input=10V, adjust SPAN2 nearly to 100.0 readout
(3)Set up input= 0V, adjust ZERO to 00.0 readout
(4)Set up input=10V, adjust SPAN1 to 100.0 readout
(5)END