

4 1/2位數可程式盤面型數位電錶

(4 1/2 DIGITAL PANEL METER OF PROGRAMMABLE)

MODEL
M2



特點(FEATURES)

- 精確度0.1%滿刻度 ±1位數(Accuracy 0.1% F.S ± 1digit)
- 可量測 交直流電流/交直流電壓/電位計/傳送器/Pt-100/熱電耦/荷重元件/電阻 等信號
(Measuring DCA/DCV/ACA/ACV/Potentiometer/Transmitter/Pt-100/Thermocouple/Load Cell/Resistor etc..)
- 顯示範圍0-19999可任意規劃(Programmable rate 0 to 19999 digit)
- 小數點可任意規劃(Decimal point can be modified)
- 尺寸小,穩定性高(Dimension small and High stability)

(顯示範圍與規格)

1.MODEL:M2- (選購型號)

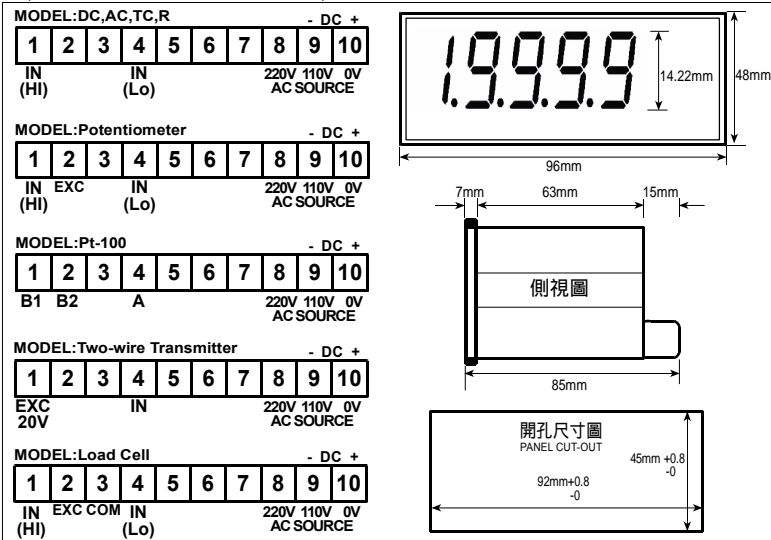
[最小值]-[最大值]-[單位]
[Min.] - [Max.] - [Unit]

NO	Input Type	NO	DCV(ACV)	NO	DCA(ACA)	NO	Potentiometer	NO	Transmitter	NO	Pt-100	NO	Load Cell	NO	Thermocouple	NO	Aux. Power
A	DC	11	0-50mV	21	0-19.999uA	31	0-10%	41	DC4-20mA	51	-50.00-+50.00	61	2mV/V	71	J(-200-+760)	A	AC110/220V
B	AC(RMS)	12	0-5V	22	0-199.99uA	32	0-50%	42	DC1-5V	52	-100.00-+100.00	62	3mV/V	72	K(-200-+1360)	B	DC24V
C	AC(TRMS)	13	0-10V	23	0-1.9999mA	33	0-100%	43	DC4-20mA	53	-200.0-+400.0	63	2mV/V	73	T(-200-+395)	C	DC48V
D	Potentiometer	14	0-36V	24	0-19.999mA	34	5-95%	44	DC1-5V	54	-200.0-+850.0	64	3mV/V	74	E(-185-+990)	D	DC110V
E	Transmitter	15	0-54V	25	0-199.99mA	35	10-90%	49	SPECIFIED	59	SPECIFIED	69	SPECIFIED	75	R(0-1760)	O	SPECIFIED
F	Pt-100(RTD)	16	0-110V	26	0-2.000A	39	SPECIFIED	41/42 nonexciting DC20V	43/44 exciting DC20V (<25mA)	Three wire connection non-programmable	61/62 Exciting DC5V(<100mA)	63/64 Exciting DC12V(<50mA)	76	S(0-1750)			
G	Thermocouple	17	0-600V	27	0-5.000A		Three wire connection Exciting voltag DC5V(<5mA)						77	B(200-1800)			
H	Load Cell	18	0-1000V	28	0-10.000A												
R	Resistor	19	SPECIFIED	29	SPECIFIED												

2.SPECIFICATION (主要規格)

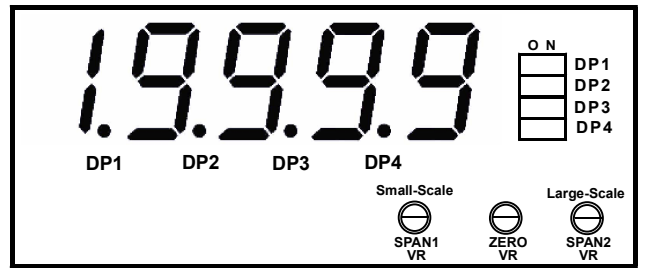
- Measuring accuracy : 0.1% F.S. ± 1 digit
(精確度) (23 ± 5) 0.2% F.S. ± 1 digit(AC(RMS))
0.2% F.S. ± 0.5 (CJC)(Thermocouple)
- Sampling time : 2 cycles/sec.
(取樣時間)
- Zero (offset) range : 0- ± 1000 digit adjustable
(歸零調整範圍)
- Over input indication : " 0000 " flash
(過載顯示)
- Display : Red high efficiency LEDs high 14.22mm (.56")
(顯示幕)
- Polarity display : When input is negative " _ " display
(極性顯示)
- Temp. coefficient : 100ppm/ (0-50)
(溫度係數)
- Dielectric strength : 2KVac/1 min. (input/power)
(絕緣耐壓能力)
- Operating condition : 0-50 (20 to 90% RH non-condensed)
(使用環境條件)
- Storage condition : 0-70 (20 to 90% RH non-condensed)
(存放環境條件)

3:OUTSIDE DIMENSION AND CONNECTION DIAGRAM (外型尺寸與開孔尺寸與配線圖)



4.Program of span and zero and decimal point set

(顯示值之小數點設定與歸零值與最大值校正位置圖)



最大微調 歸零微調 最大值粗調

5.Application (應用實例)

Example:M2-A13A-0-100.00RPM

- Input range : DC0-10V
(輸入範圍)
- Readout range : 0-100.00 RPM
(顯示範圍)
- Aux. power supper: AC110V or 220V(50 or 60Hz)
(輔助電源)
- Adjusting process : (1)Set DP3 on(小數點 DP3 短路.)
(2)Set up input=10V,adjust SPAN2 nearly to 100.00 readout
(輸入DC 10V於輸入端子,調整 SPAN2,使顯示值顯示於 100.00 附近.)
(3)Set up input=0V,adjust ZERO to 00.00 readout
(輸入DC 0V於輸入端子,調整 ZERO,使顯示值顯示於 00.00)
(4)Set up input=10V,adjust SPAN1 to 100.00 readout
(輸入DC 10V於輸入端子,調整 SPAN1,使顯示值顯示於 100.00)
(5)END(完成調整步驟.)