



LED DIGITAL METER

Microprocess Based / Alarm / DIN 48x24mm

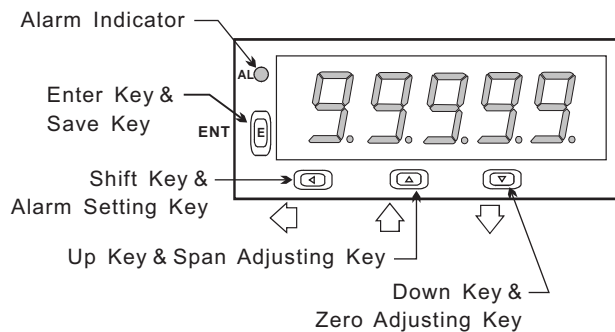
200

FEATURES

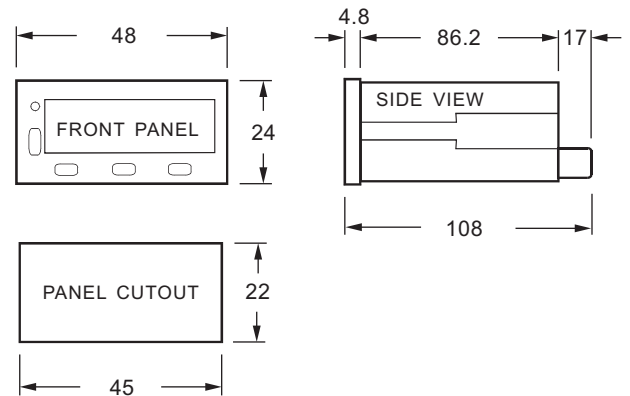
- Measuring for DC Current / AC, DC Voltage / Potentiometer / Resistor / RTD / Load Cell
- High brightness 0.4" LED display
- Range programmable -19999 to 99999 ; decimal point selectable
- Reset (External terminal) and 1 alarm setting (Hi or Lo) programmable
- High safety which the housing are nonflammable PC moulding
- CE Approved



FRONT PANEL & KEY FUNCTIONS



DIMENSION (mm)



SPECIFICATION

Display Screen	High brightness red LED 10.16mm (0.4")	Input Impedence	Voltage : $\geq 2V$ for $20K\Omega / V$ $\leq 2V$ for $\geq 20K\Omega$
Display Rang	-19999 ~ 99999	Power Supply	Current : $\geq 0.2A$ at 100mV $\leq 0.2A$ at 1V
Zero Adjustment	-19999 ~ 99999	Power Consumption	AC / DC 100 ~ 240V DC 22 ~ 60V
Sampling Time	16 cycles / sec	Surge Test	4.5VA
Over Range Indication	doFL / ioFL or -doFL / -ioFL	Temperature Coefficient	2KVac / 1min (Input / Power)
Accuracy	$\pm 0.1\%$ F.S. ± 1 digit (DC / Potentiometer / Resistor / RTD / Load Cell) $\pm 0.2\%$ F.S. ± 1 digit (AC)	Operating Temperature	100ppm / °C (0 ~ 60°C)
Polarity Indication	Automatic with "-" indication	Operating Humidity	0 ~ 60°C
Parameters Setting	Push buttons	Storage Temperature	20 ~ 90% RH (non-condensing)
Back Up Memory	EEPROM	Storage Humidity	-10 ~ 70°C
Alarm Action	" \geq (Hi) on" or " \leq (Lo) on"		20 ~ 90% RH (non-condensing)
Alarm Run Delay Time	0 ~ 99 sec		
Relay Contact	AC 277V / 7A ; DC 30V / 7A		

SIGNAL RANGE SELECTION

Table 1

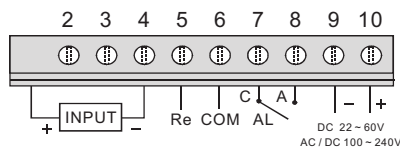
CODE	Current	CODE	Voltage	CODE	Potentiometer	CODE	Resistor	CODE	RTD (PT-100)	CODE	Load Cell
00	0 ~ 20 μ A	10	0 ~ 50mV	20	500 Ω ~ 10K Ω	30	0 ~ 10 Ω	40	- 50 ~ 50 $^{\circ}$ C	50	1mV / V EX.5V
01	0 ~ 200 μ A	11	0 ~ 5V	21	10K Ω ~ 100K Ω	31	0 ~ 100 Ω	41	- 100 ~ 100 $^{\circ}$ C	51	2mV / V EX.5V
02	0 ~ 2mA	12	1 ~ 5V	22	100K Ω ~ 1M Ω	32	0 ~ 1K Ω	42	- 200 ~ 200 $^{\circ}$ C	52	3mV / V EX.5V
03	0 ~ 20mA	13	0 ~ 10V	23	Specified	33	0 ~ 10K Ω	43	0 ~ 600 $^{\circ}$ C	53	1mV / V EX.10V
04	0 ~ 200mA	14	0 ~ 36V			34	0 ~ 100K Ω	44	Specified	54	2mV / V EX.10V
05	4 ~ 20mA	15	0 ~ 300V			35	Specified			55	3mV / V EX.10V
06	0 ~ 2A	16	0 ~ 600V							56	Specified
07	Specified	17	Specified								

MODEL SELECTIONS

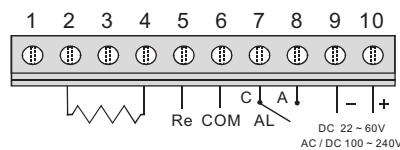
ITEMS	CODE	SPECIFICATIONS		
① MODEL	200A	LED Digital meter		
	200B	LED Digital meter with alarm output (1-Point)		
② INPUT TYPE	- 0	DC Converter (Loop power unprovided)		
	- 1	2 / 3 Wire system transmitter (DC 24V Excitation)		
	- 2	4 Wire system transmitter (DC 24V Excitation)		
	- 3	Protentiometer (3-Wire)		
	- 4	Resistor (2-Wire)		
	- 5	RTD resistance bulb (DIN 43760 PT100 Ω)		
	- 6	Load cell (DC 5V for 2-sensor / DC 10V for one sensor only)		
	- 7	To be specified		
③ SIGNAL RANGE	00 ? 60	0 ~ 20 μ A ? To be specified (See Table 1)		
	- A	AC 100 ~ 240V	- C	DC 22 ~ 60V
④ POWER SUPPLY	- B	DC 100 ~ 240V	- D	To be specified
	⑤ CONTACT FORM	A	None (200A)	C
B		SPST - NO	D	To be specified

WIRING CONNECTIONS

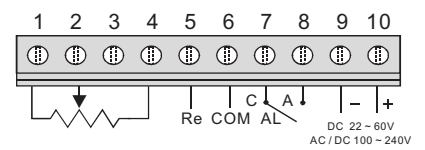
DC CONVERTER (AC Voltage / Current)



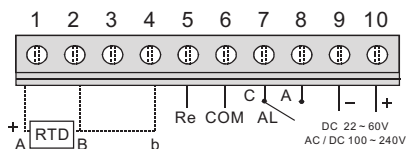
2 WIRE RESISTOR



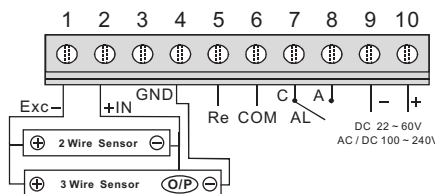
3 WIRE POTENTIOMETER



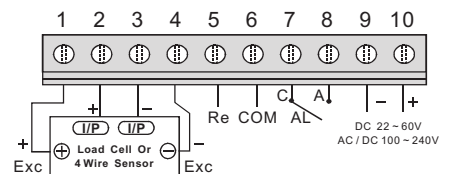
RESISTANCE BULB (RTD)



2 / 3 WIRE SYSTEM TRANSMITTER



4 WIRE SENSOR OR LOAD CELL



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