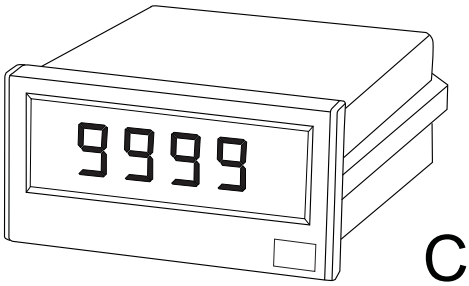
MICROPROCESS DIGITAL METER
JDA-W.T



CE

FEATURES

- 4 digits display: 9999
- Accuracy : 0.05% to 0.25%
- Measuring adjustment in input sensing deviation
- Outside dimension is DIN standard (96x48mm)

SPECIFICATION

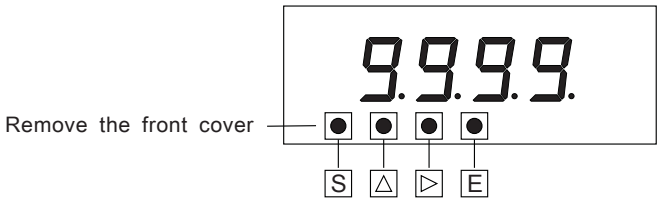
● Input

Variable to be Measured	Input Range	Input Impedance	Display Range
DC	0 ~ 5V 1 ~ 5V 0 ~ 10V 0 ~ 1mA 4 ~ 20mA 0 ~ 20mA	≥300kΩ ≥300kΩ ≥240kΩ 100Ω 10Ω 10Ω	0 ~ ±9999 Programmable
AC • TRMS	0 ~ 1A 0 ~ 5A 0 ~ 110V 0 ~ 220V	0.1Ω 0.1Ω ≥1MΩ ≥1MΩ	

● Analong OUTPUT

Output Range	Load Resistance	Output Resistance	Output Ripple
1 ~ 5V	≥ 1KΩ	≤ 0.05KΩ	≤ 0.5% RO. (Peak)
0 ~ 10V			
0 ~ 1mA	0~10KΩ	≥ 20MΩ	
0 ~ 20mA	0~500KΩ	≥ 5MΩ	
4 ~ 20mA			

● Display (Programmable process)



S :Press S to enter the setting process
△ :Press △ to change the value as required
▷ :Press ▷ to move on the LED digit as required
E :Press E to confirm the setting value and function

* All details on operation must refer to the instruction manual

• Communication

Interface ..... RS 485
Protocol ..... MODBUS, RTU
Baud rate ..... 1200 ~ 38400
Address range ..... 1 ~ 255
Data format N81, N82, O81, E81

• General

Display ..... 14.2mm(0.56")H, red LED
Max. Input over capability ..... Amp. 3 x rated continuous
10 x rated 30 seconds
50 x rated 1 second
Volt. 750V continuous
Accuracy ..... DC range ≤±0.05% F.S. ±2 digits
AC range ≤±0.15% F.S. ±2 digits
Output ≤±0.1% ~ ±0.25% RO
(Option: Depending on actual measuring)
Sampling time ..... Abt. 0.8 sec. Typically
Frequency range ..... 45 ~ 70HZ for AC range
Over indication ..... Flash "OFL" or "-OFL"
Over input signal ..... Flash display
Aux. power source ..... AC/DC 85 ~ 265V, DC 20 ~ 60V
Power consumption ..... ≤ AC 8.5VA ≤ DC 5W
Sensor power supple ..... DC 24V, 30mA
Operating temperature range ..... 0 ~ 60℃
Storage temperature range ..... -10 ~ 70℃
Temperature coefficient ..... ≤ 100PPM/℃
≤ 60PPM, 25℃ ±10℃
Max. relative humidity 95%
Dielectric strength (IEC 688) ..... AC 2KV/1 minute
Input to power terminals
AC 3KV/1 minute
All terminals to case
Connection diagram ..... See page 23, figure B.
Dimensions ..... See page 23, figure 01.

• Electromagnetic compatibility

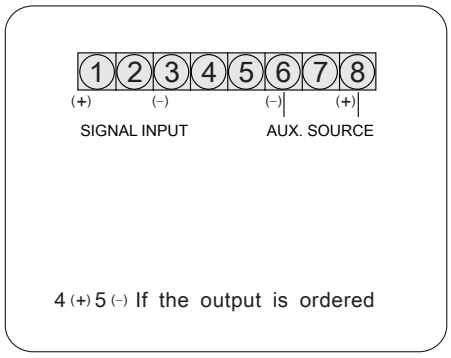
Electrostatic discharge ..... IEC 61000-4-2
Electromagnetic fields immunity ..... IEC 61000-4-3
Electrical transient in burst ..... IEC 61000-4-4
Withstanding impulse voltage ..... IEC 61000-4-5
Immunity to voltage dips ..... IEC 61000-4-11

ORDERING INFORMATION

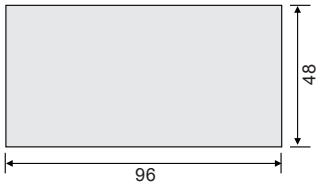
S2-400P- □□□□□

Input	Measuring Range		Output	Aux. Source	Option
D: DC A: AC T: TRMS R: Pt100 K: K TYPE 0: Option	P1: 0 ~ 50mV P2: 0 ~ 60mV P3: 0 ~ 5V P4: 1 ~ 1V P5: 0 ~ 10V P6: 0 ~ 1mA P7: 4 ~ 20mA P8: 0 ~ 20mA	A7: 0 ~ 1A A8: 0 ~ 5A V6: 0 ~ 100V V7: 0 ~ 220V T1: 0 ~ 400℃ T2: 0 ~ 1200℃ 00: Option	V2 : 1~5V V4 : 0~10V A2 : 0~1mA A3 : 0~20mA A4 : 4~20mA RS: RS 485 NO: None 00 : Option	1: AC/DC 85 ~ 265V 2: DC 20V ~ 60V 0: Option	D: Exciting DC 24V N: None

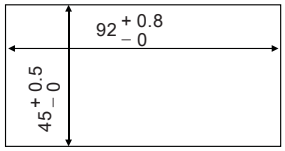
CONNECTION DIAGRAMS
Figure B.

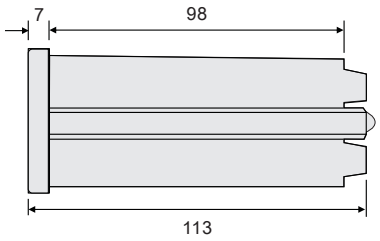


OUTSIDE DIMENSION (UNIT:mm)
Figure 01.

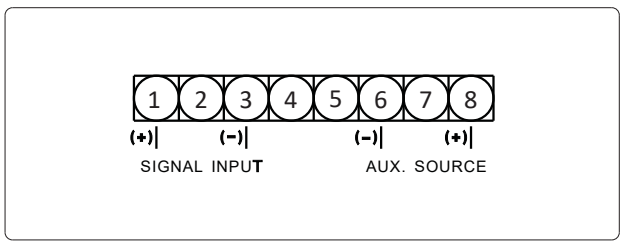


PANEL CUT-OUT

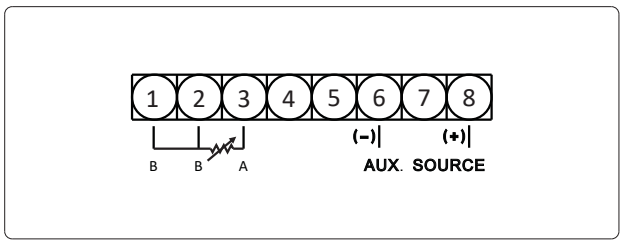




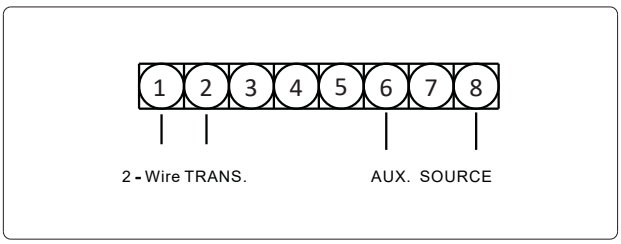
as1. INPUT : Analog uV



bs1. INPUT : RTD(PT100,PT1000,NI1000,CU50)



es1.INPUT : Two-Wire Transmitter DC4-20mA



note: subject to change without any notice, JDA pay no responsibility