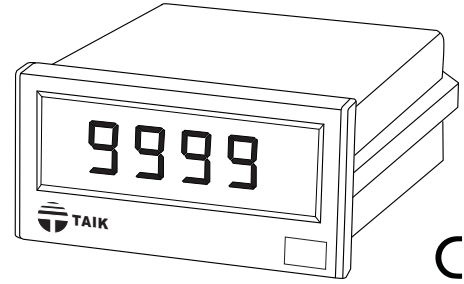




FEATURES

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



SPECIFICATION

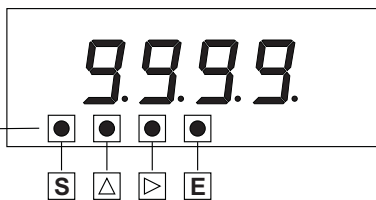
• Input

Variable to be Measured	Input Range	Input Impedance	Display Range
DC	0 ~ 5V	$\geq 1M\Omega$	0 ~ ± 9999 Programmable
	1 ~ 5V	$\geq 1M\Omega$	
	0 ~ 10V	$\geq 1M\Omega$	
	0 ~ 1mA	100 Ω	
	4 ~ 20mA	10 Ω	
0 ~ 20mA	10 Ω		
AC	0 ~ 1A	0.1 Ω	
	0 ~ 5A	0.1 Ω	
TRMS	0 ~ 110V	$\geq 1M\Omega$	
	0 ~ 220V	$\geq 1M\Omega$	

• Analog OUTPUT

Output Range	Load Resistance	Output Resistance	Output Ripple
1 ~ 5V	$\geq 1K\Omega$	$\leq 0.05\Omega$	$\leq 0.5\%$ RO. (Peak)
0 ~ 10V			
0 ~ 1mA	0 ~ 10K Ω	$\geq 20M\Omega$	
0 ~ 20mA	0 ~ 500 Ω	$\geq 5M\Omega$	
4 ~ 20mA			

• Display (Programmable process)



Remove the front cover

- [S]: Press [S] to enter the setting process
- [Δ]: Press [Δ] 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

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 ~ 5V P5: 0 ~ 10V P6: 0 ~ 1mA P7: 4 ~ 20mA P8: 0 ~ 20mA	A7: 0 ~ 1A A8: 0 ~ 5A V6: 0 ~ 110V V7: 0 ~ 220V T1: 0 ~ 400°C T2: 0 ~ 1200°C 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

• 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 $\leq \pm 0.05\%$ F.S. ± 2 digits
AC range $\leq \pm 0.15\%$ F.S. ± 2 digits
Output $\leq \pm 0.1\% \sim \pm 0.25\%$ R.O.
(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 \leq AC 8.5VA \leq DC 5W
Sensor power supply DC 24V, 30mA
Operating temperature range 0 ~ 60°C
Storage temperature range -10 ~ 70°C
Temperature coefficient ≤ 100 PPM/°C
 ≤ 60 PPM, 25°C ± 10 °C

Max. relative humidity 95%
Dielectric strength (IEC 60688) AC 2KV/1 minute
Input/output/power terminals
AC 3KV/1 minute
All terminals to case

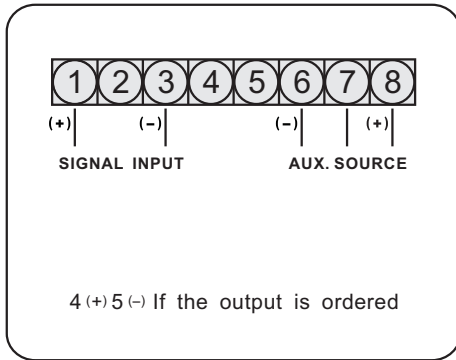
Connection diagram See page 23, figure A.
Dimensions See page 23, figure 01.

• 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

CONNECTION DIAGRAMS

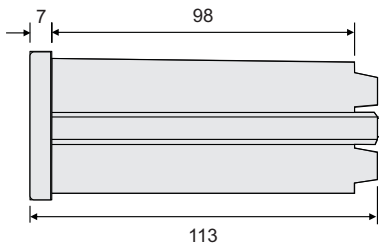
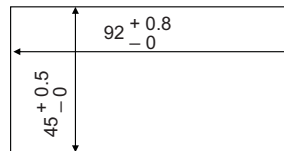
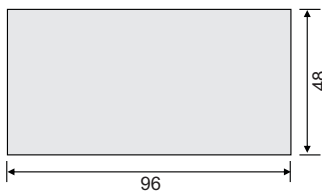
Figure A.



OUTSIDE DIMENSION (UNIT:mm)

Figure 01.

• PANEL CUT-OUT



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