



## PI SERIES MANUAL



### Feature

- 5 7-seg led display, range from -19999 to 19999
- Detect signal including 4~20mA, Current and Voltage adjustable for multiple switch to proportionally enlarge display range
- Decimal point is adjustable
- Zero & span are adjustable
- Provide Exit 24 Vdc for 4~20mA type
- Power supply 110/220 Vac
- Option Alarm mode

### Specification

DIM. (mm)	96 (W) X48 (H) X91.5 (D) IP65
-----------	-------------------------------

Power Supply 110V/220VAC  $\pm 10\%$  50/60HZ

Display 0.56" Red/Green 7Seg LED

Input Signal 4~20 mA DCA,DCV,ACA,ACV

A/D 4.5 bits

Accuracy  $\pm 0.1\%$  F.S.  $\pm 1$  digit

Sample rate 0.33Hz

Operating enviro. 0~50°C(20~90%RH)

Storage enviro. 0~70°C(20~90%RH)

Safe 2KVAC/1min

Temp. Coefficient  $\leq 100\text{ppm}/^\circ\text{C}$   
( $60\text{ppm}/^\circ\text{C}$ :  $25^\circ\text{C} \pm 10^\circ\text{C}$ )

Function Minus : "-"  
Overload: "0000" flash  
Parameter set: Dip SW  
Display range: -19999~19999  
Zero adjustable range:  $0 \pm 5\%$  F.S.  
Span adjustable range:  $0 \pm 10\%$  F.S.

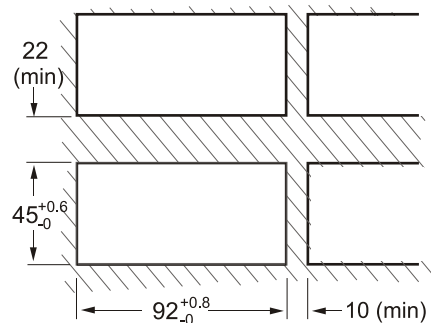
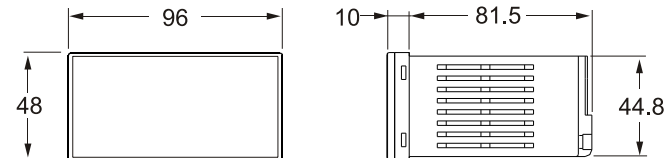
## FINETEK CO., LTD.

No.16, Tzuchiang Street, Tucheng Industrial Park, Taipei Hsien, Taiwan

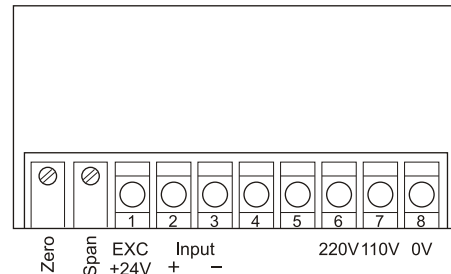
TEL : 886-2-22696789 FAX : 886-2-22686682

E-mail: finetek-sales@umail.hinet.net http://www.fine-tek.com/

### DIMENSION/PANEL CUTOUT (Unit : mm)

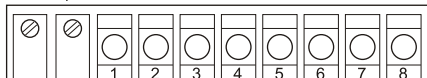


### WIRING

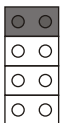


## Adjust procedure

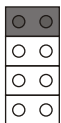
Zero Span



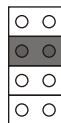
1. Firstly, adjusting "zero" VR. And then adjusting "span" VR
2. To select DP SW to set decimal point.  
Millesimal hundredth tenth Integer



Four  
decimals



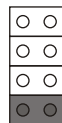
Three  
decimals



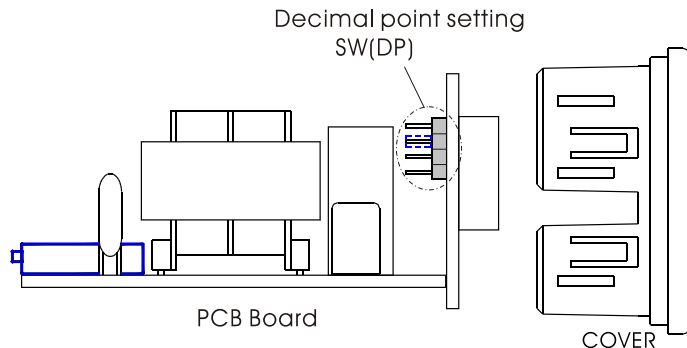
Two  
decimals



One  
decimals



Integer



## Example (PI-3730-CR15-1)

- the diagram depicts wiring example
- setting Alarm mode : The indicator can set 0~10V range and Alarm mode set 5V(0.1%F.S.)
- A. Using signal source inputs the indicator to display 5.020~4.980V
- B. When the display value reaches to 5.000 adjusting Alarm VR until the BZ active
- C. When the display value below setpoint, the BZ is stop and the display value over setpoint, the BZ is active.

