



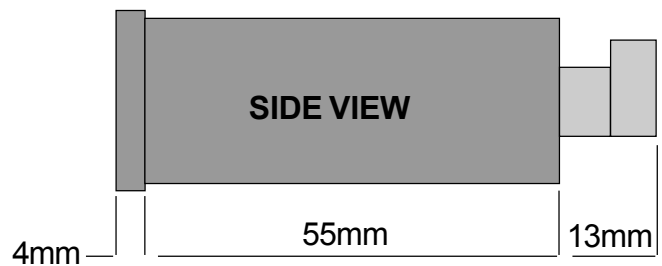
Thorncote Road  
Near Sandy  
Beds. SG19 1PU  
ENGLAND

Tel: 01767-626444  
E-mail: sales@london-electronics.com  
Fax: 01767 626446

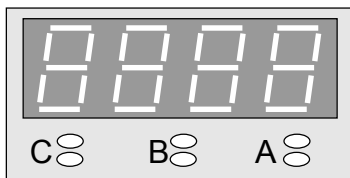
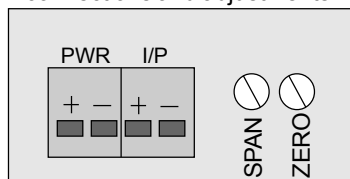
## Model L-35 miniature Process input Panel Meter

The L-35 is a compact digital readout, with wide scaling capability and operating temperature range, ideal for use with process signals such as 4-20mA, 10-50mA, 0-10VDC, 0-200 VDC etc.

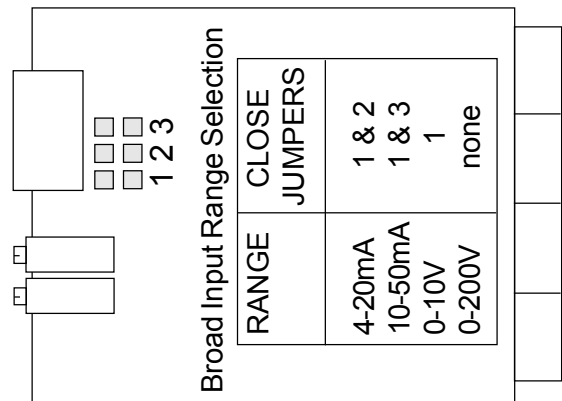
The display may be powered from a DC supply, in the range 10 to 30 VDC. The meter provides full isolation between input and supply, giving wide freedom of choice in the electrical design of the circuitry around the meter.



Rear view showing connections and adjustments



**Decimal Point selection**  
1888 no jumpers  
1.888 Jumper C  
18.88 Jumper B  
188.8 Jumper A



### CALIBRATION METHOD

When all jumpers have been selected to suit your input range, you may commence calibration of the display.

**For zero based input signals** with no display offset (eg 0-10V = 0-100.0) simply apply 0 and 100% of input range and adjust the zero and span pots to attain the desired readings.

**For offset inputs, such as 4-20mA** you will need to apply the zero based range initially (ie with the offset subtracted from both zero and span) Let us assume you wish to scale 4-20mA to read 0-150.0

Apply 0-16mA first and scale the meter 0-150.0. then apply 4mA and adjust the zero pot for 0.0 display. Apply 12mA, and the display should read 75.0

### SPECIFICATIONS

Displays 3 1/2 digit red LED 10mm high  
Decimal points Solder switch selectable  
Input signals 4-20mA, 10-50mA, 0-10VDC, 0-200VDC  
Scaling method Zero & Span potentiometers  
Input Bipolar single ended  
Converter Dual slope integrator  
Accuracy +/-0.2% of range 50ppm tempco

Operating temperature -20 to +60C  
Storage temperature -40 to +80 C  
Power Requirement 10-30VDC 0.6W  
Isolation 750 VAC  
Dimensions 48mm wide x 24mm high x 70 mm deep  
Panel cutout 45mm wide x 22.5 mm high  
Weight 60 grammes