

**LOOP POWERED LED BARGRAPH (and VDC Input Powered)  
FOR LOW COST APPLICATIONS**

**MODEL  
P51**



**FEATURES:**

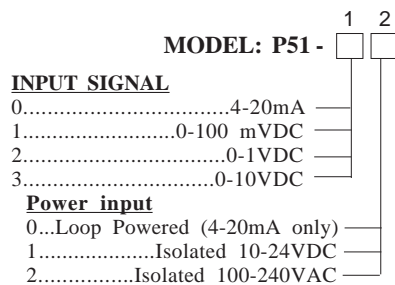
- Only 5V Burden (250 ohm)
- 51 Single Color Segments
- 1, 3, 5 Pointers or Full Bar
- Custom Face Plates
- Only 2 Wires To Connect
- Standard Switchboard Case
- Wide Zero and Span Adjust
- Only 1" On Front Panel
- Exclusive 2 year warranty

**SPECIFICATIONS @ 25°C**

- Accuracy & Linearity: 2% of F.S
- Burden: 5VDC Maximum
- Min-Max. Input: 3.6 - 26mA
- External power consumption: 200mW
- Color: Red Standard
- Zero and Span Range:  $\pm 30\%$
- Operating Temp: 0 + 50°C
- Storage Temp: -10 + 60°C
- Humidity: 5-95% Non-Condensing
- Front Panel: NEMA 4X Rated

**DESCRIPTION**

Another great low cost bargraph display from Precision Instrument Company. Loop powered 4-20mADC or external power, your choice. The 51 segment bargraph display can be jumper configured to fill the bar clockwise or as a moving pointer with 1, 3 or 5 bars. The loop powered feature is convenient as you only need to hook up and run 2 wires to the unit however, if the loop drop of 5VDC is excessive for the application, you can always externally power with DC or AC in which case the loop drop is only 1VDC maximum at 20mA input. Special scale plates for the face are available upon request and the P51 is backed by our exclusive 2 year warranty.

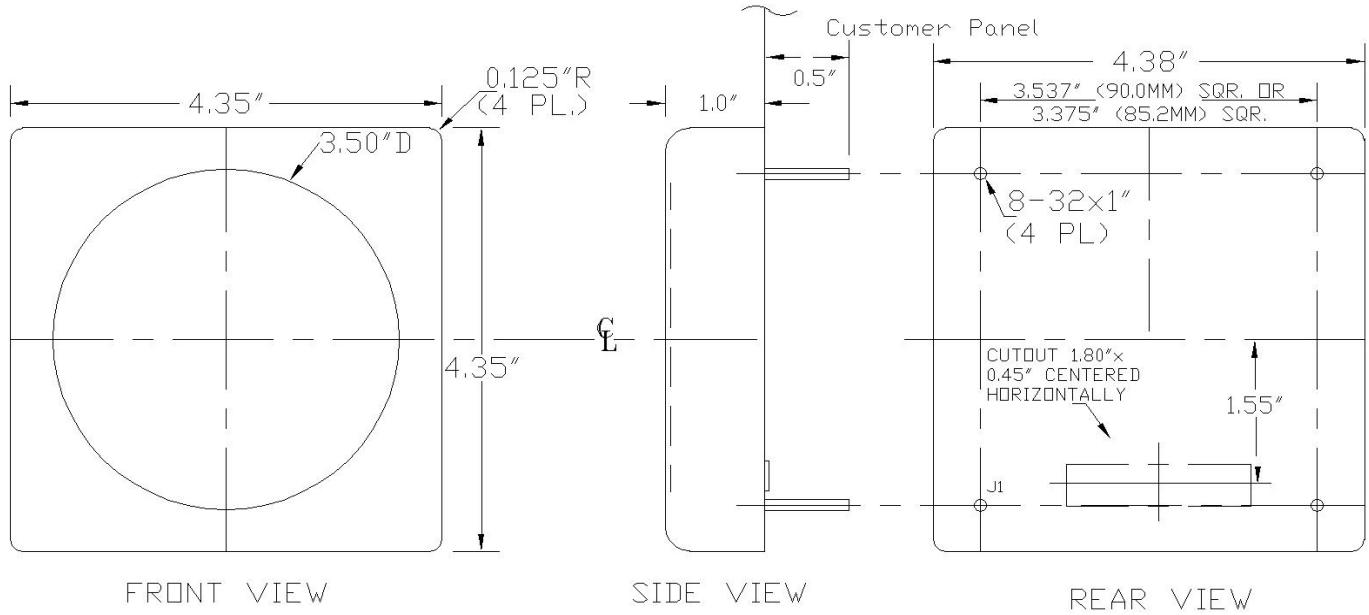


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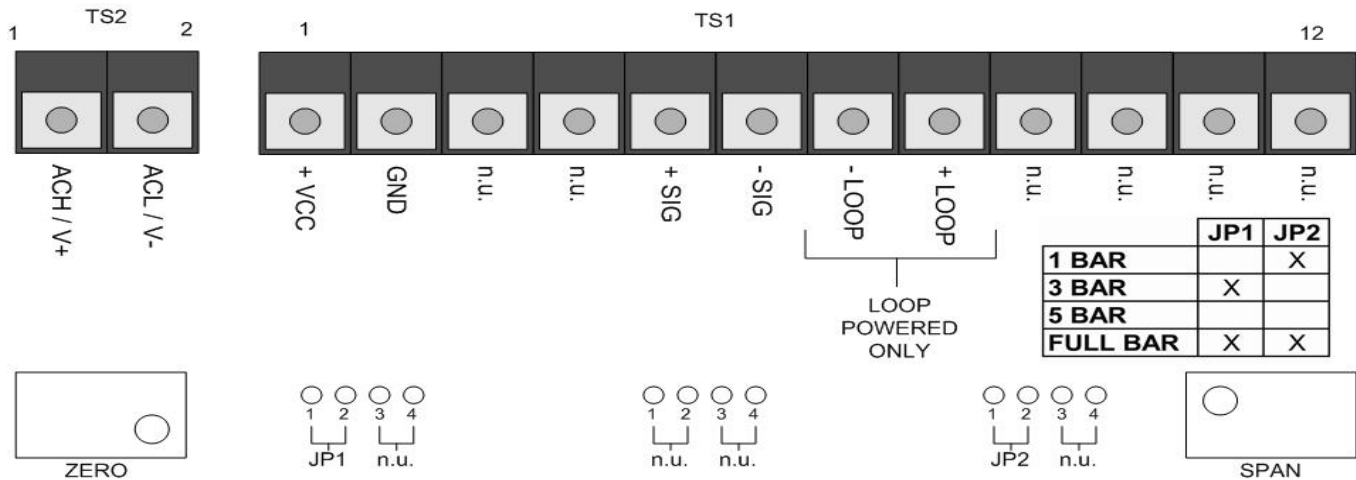
**NOTE:**

1. Externally Powered Signal Input Impedance:  
Current input: 50 Ohms  
Voltage input: 10Meg Ohms  
All inputs are unipolar positive only.

**Mechanical and Panel cut out information**



**CONNECTION DIAGRAM**



**WARNING: VERIFY POWER INPUT BEFORE CONNECTING TS2, SEE LABEL AND ORDERING INFORMATION ON FRONT PAGE.**

**NOTES:**

1. For loop powered units only use terminals 7 & 8, others on terminals 5 & 6.