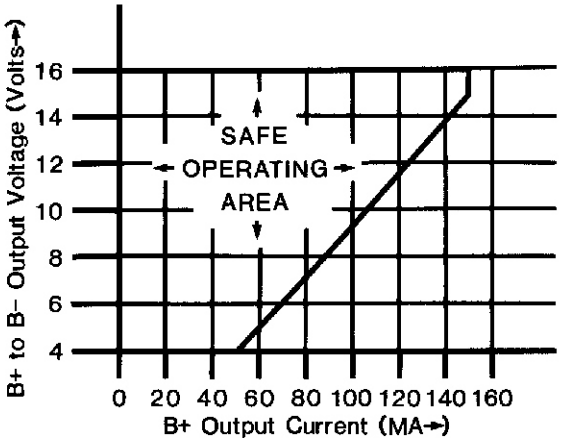
Model PSMR

The Model PSMR is an AC line powered adjustable output power source designed for strain gages and transducers. It also can be used as a high quality voltage source or reference in many applications. The Model PSMR has a split bobbin transformer for high line isolation. It has remote sensing to eliminate line drop errors, and features excellent regulation, stability, and very low noise.



To operate safely in the "unsafe" area of the curve, at low voltage settings, use an external resistor in the B+ line, to take most of the drop externally, and connect the + sense line in the normal manner. Do not allow prolonged shorts across the output.

SPECIFICATIONS

Input:
115 VAC +/– 10% 50–60 Hz
(100, 220, & 230 VAC Avail.)

Output Voltage:
4 to 15 Volts

Output Current:
150 mA

Line & Load Reg:
0.005%

Noise:
0.5 mV rms

Stability:
50 ppm/°C

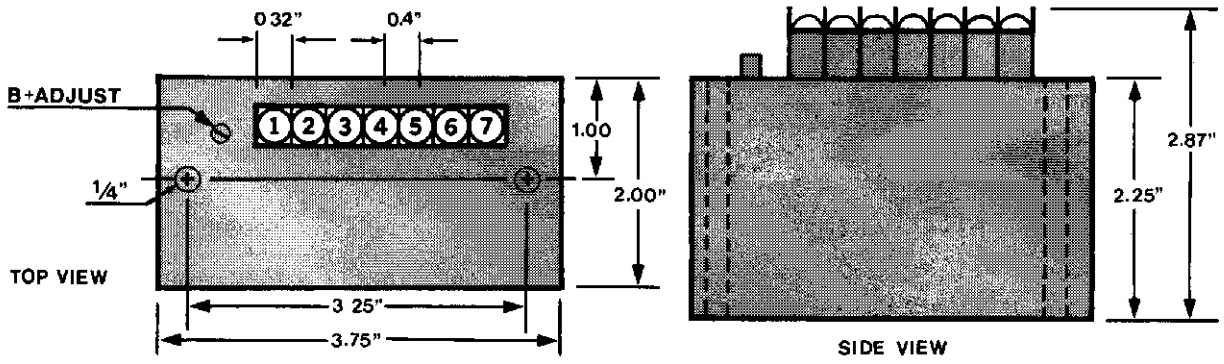
Line Isolation:
1,500 VDC

Operating temp.:
0°C to +70°C

Storage temp.:
–25°C to +85°C

Weight:
18 oz. (510 grams)

OUTLINE DRAWING



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