**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.

**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)

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.

**OUTLINE DRAWING**

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**Transducer Techniques**

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