PD800W Technical Specifications

- **Manufacturer Name:**
  Bierer & Associates, Inc.
  10730 Farrow Rd.
  Blythewood, S.C. 29016 USA

- **Product Name:**
  PD800W

- **Product Properties:**
  Patented Technology, Shielded Housings, 24Mega Ohm Probes, FCC Licensed, Self Test Feature in the “T” switch position

- **Functional Description:**
  Voltage Detector/Wireless Phasing Meter

- **Minimum Operating Temperature:**
  0 degree Fahrenheit (-18 degrees Celsius)

- **Maximum Operating Temperature:**
  120 degrees Fahrenheit (49 degrees Celsius)
• **Max. Operating Range:**
  100 ft. (30.5 meters) w/interference, 300 ft. (91.4 meters) w/no interference

• **DC specifications:**
  N/A

• **AC specifications:**
  2kV – 51kV Phase-to-Ground nominal readings in the “OH” and “URD” Voltage switch positions. 120/208 – 765kV Phase-to-Ground in the “DEG” Phasing switch position. Any phasing in the “DEG” position above 69kV is non-contact.

• **Physical Dimensions:**
  14.5 in. long (36.8 centimeters) X 4 in. wide (10.2 centimeters) X 7 in. high (17.8 centimeters)

• **Weight:**
  2.5 lbs. (.9 kilograms) Meter probe, 2 lbs. Reference probe

• **Applications:**
  “OH” and “URD” Voltage switch positions for testing nominal distribution voltages up to 51kV. “DEG” Phasing switch position for testing phase angles/phasing +/- 2 degrees from secondary 120/208 volts to transmission 765kV.