The Series PMT2 Particulate Transmitter is designed to measure particulate emission levels from dust collector discharge. Using DC coupled electrostatic induction sensing technology, the transmitter monitors a pA current that is generated as particulate passes near the probe; a 4-20 mA signal will vary based on the particulate level. The PMT2 offers 6 sensitivity ranges allowing the user to choose the range that will best fit the application. The range and test selector switch can also be set to output a 4 mA or 20 mA signal to assist with setup or troubleshooting. Averaging time setting can be used to dampen the signal if desired.

**APPLICATIONS**
- Emissions monitoring
- Broken bag detection in dust collectors
- Filter leak or wear detection
- Bin vent monitoring

**FEATURES/BENEFITS**
- Simple 2-wire installation for PLC and control panels
- Non-stick PTFE coated probe to prevent false readings from moist and conductive dusts, condensate, and dust buildup
- Remote zero calibration helps to decrease maintenance time

**SPECIFICATIONS**
- Service: Air and compatible gases, any type of particulate conductive or non-conductive
- Wetted Materials: 316L SS, silicone, and PTFE
- Enclosure: Powder coated aluminum
- Accuracy: ±5% of reading
- Particulate Size: 0.3 microns and higher
- Detection Range: 5 to 5000 pA (6 selectable range options)
- Temperature Limits: Ambient: -40 to 145°F (-40 to 63°C); Process: -40 to 248°F (-40 to 120°C)
- Pressure Limit: 30 psi (2 bar)
- Output Signal: 4-20 mA
- Power Requirements: 12-28 VDC
- Electrical Connection: Two 1/2˝ female NPT electrical entries or two M20 electrical entries (A2 suffix only)
- Terminal Block: Removable (16 to 20 AWG wire)
- Process Connection: See model chart. BSPT process connections are not UL listed.
- Probe Lengths: See model chart.
- Mounting Orientation: Any
- Averaging Time: 1 to 360 s (10 selectable options)
- Weight: Varies with length of probe and type of mount.