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 to 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.

**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

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

**SPECIFICATIONS**
- Service: Air and compatible gases, any type of particulate conductive or non-conductive.
- Wetted Materials: 316L SS, silicone, and PTFE.
- 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 to 20 mA.
- Power Requirements: 12 to 28 VDC.
- Electrical Connection: Two 1/2" female NPT conduit openings.
- Terminal Block: Removable (16 to 20 AWG wire).
- Process Connection: See model chart.
- Probe Lengths: See model chart.
- Enclosure Rating: Type 4 (IP66).
- Mounting Orientation: Any.
- Averaging Time: 1 to 360 s (10 selectable options).
- Weight: Varies with length of probe and type of mount.

**ACCESSORIES**

- Model | Description | Price
- A-PMT2-M20 | 1/2” NPT to M20 conduit adaptor | $400.00
- A-PMT2-FLG | 2” flange with 3/4” NPT female connection, 316 SS | $300.00

**MODEL CHART**

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**CASE 2X 1/2 NPT CONDUIT ENTRY**

**CASE 1.5” TRI-CLAMP MOUNT**

**CASE 3/4” MALE NPT MOUNT**

**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

**APPLICATIONS**
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- Particulate Size: 0.3 microns and higher.
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- Pressure Limit: 30 psi (2 bar).
- Output Signal: 4 to 20 mA.
- Power Requirements: 12 to 28 VDC.
- Electrical Connection: Two 1/2” female NPT conduit openings.
- Terminal Block: Removable (16 to 20 AWG wire).
- Process Connection: See model chart.
- Probe Lengths: See model chart.
- Enclosure Rating: Type 4 (IP66).
- Mounting Orientation: Any.
- Averaging Time: 1 to 360 s (10 selectable options).
- Weight: Varies with length of probe and type of mount.

**ACCESSORIES**

- Model | Description | Price
- A-PMT2-M20 | 1/2” NPT to M20 conduit adaptor | $400.00
- A-PMT2-FLG | 2” flange with 3/4” NPT female connection, 316 SS | $300.00