The Series BAT Blind Analog Transmitter is a non-indicating, 4 to 20 mA transmitter for use with the Series EFS2, IEFS, PDWS, TBS and FLMG. The BAT is easy to set up and can be either wall or meter mounted. It takes a pulse frequency output from the compatible flow meters and converts it into a continuous 4 to 20 mA analog output signal. The frequency for the flowmeter output signal can be adjusted using four rotary switches on the back of the transmitter and a microcontroller automatically scales all other values accordingly. The microcontroller is also able to average inputs for more stable reading outputs. The rate for averaging is adjustable and ranges from 2 to 16 seconds. Power for the BAT is supplied by a current loop, making only 2 wires necessary. This unit features high environmental protection with semi-flexible urethane potted electrical components.

**APPLICATIONS**
- Telemetry
- Data Logging
- Distributed Control Systems
- Programmable Controller
- Chart Recording

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<td>BAT-M</td>
<td>Blind Analog Transmitter, Meter-Mounted*</td>
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<td>BAT-W</td>
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*Compatible Series: EFS2, IEFS, PDWS, TBS and FLMG.

**SPECIFICATIONS**
- **Input:** Open-collector solid state sensor. 
  - Averaging: 2, 4, 8, 16 s (DIP switch selectable); 
  - Pulse Frequency: Min. 10 Hz @ 20 mA; Max 999.9 Hz (rotary DIP switch selectable).
- **Temperature Limits:** 32 to 130°F (0 to 55°C).
- **Output:** 4 to 20 mA.
- **Power Requirements:** 24 to 36 VDC @ 4 to 20 mA when loop powered.
- **Response Time:** 2 to 60 s; 90% FS (depends on input averaging).
- **Loop Resistance:** 0 to 1300 Ω max (see manual).
- **Enclosure Material:** Powder-coated diecast aluminum.
- **Enclosure Rating:** NEMA 4X (IP66).
- **Electrical Connections:** Terminal block.
- **Mounting:** See model chart.
- **Weight:** 3 lb (1361 g).

MMK, Meter Mounting Kit
WMK, Wall Mounting Kit