

BLIND ANALOG TRANSMITTER

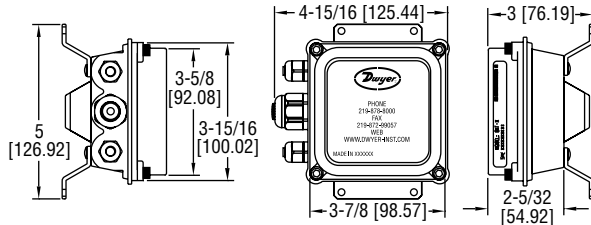
Converts Pulse Frequency to 4 to 20 mA, Loop Powered



BAT-M shown installed on Series EFS2 meter. Meter sold separately.



BAT-W



The **SERIES BAT** Analog Transmitters is a 4 to 20 mA transmitter for use with the Series EFS2, IEFS, PDWS, PFT and FLMG.

FEATURES/BENEFITS

- Easy to set up and can be either wall or meter mounted
- 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 averages inputs for more stable reading outputs and is adjustable from 2 to 16 seconds
- Loop powered, 2 wire connection
- High environmental protection with semi-flexible urethane potted electrical components

APPLICATIONS

- Telemetry applications
- Data logging
- Distributed control systems
- Chart recording

ACCESSORIES

Model	Description
MMK	Meter mounting kit
WMK	Wall mounting kit

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. ●

Enclosure Material: Die-cast powder-coated aluminum.

Enclosure Rating: NEMA 4X (IP66).

Electrical Connections: Terminal block.

Mounting: See model chart.

Weight: 3 lb (1361 g).

MODEL CHART

Model	Description
BAT-M	Blind analog transmitter, meter-mounted*
BAT-W	Blind analog transmitter, wall-mounted

*Compatible Series: EFS2, IEFS, PDWS, TBS and FLMG.

● Loop Resistance: See Bulletin F-BAT