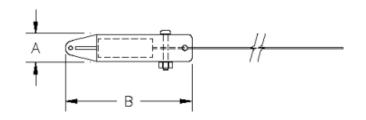
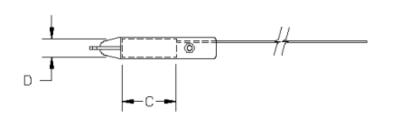
MATS ADVANCED TELEMETRY SYSTEMS

MAMMAL TRAP MONITOR

Series M4000







Technical Specifications

Transmitter type: Crystal controlled 2-stage ("B" suffix denotes 3-stage)

Calibration tolerance: ±2.5kHz

Frequency stability: ±2.5kHz, -20°C to +40°C

Pulse rate and width: Typical on time 20ms, off time 1100ms (controlled by uC) Pulse rate variation: 0.01%/volt, $\pm 0.01\%$ for temperatures -20°C to +40°C

Battery: Lithium

Activation: By removing magnet

Encapsulation: Electrical resin, water-proof, specific gravity: 1.12

Housing: Aluminum

| MODEL SPECIFICATIONS | | | | | | | | | |
|----------------------|---------|---------|------------|----|-----|----|---------|-------|---|
| Model | Battery | Battery | Dimensions | | | | Weight | Price | |
| | | (da | (mm) | | | | (grams) | Group | |
| | | 40 ppm | 55 ppm | Α | В | С | D | | |
| M4010 | AA | 1416 | 1086 | 27 | 145 | 68 | 17 | 110 | F |
| M4010B | AA | 540 | 400 | 27 | 145 | 68 | 17 | 112 | F |

The trap monitor is used to signal when a trap or other device has been moved. After it is triggered, the pulse rate doubles and a binary pulse train is sent to indicate elapsed time since the triggering event. A 15-minute pre-trigger delay is incorporated to allow for device placement.

The transmitter is contained in an aluminum housing with a hole at one end for attachment.

Factors other than battery capacity may reduce life.

Warranty life is 50% of battery capacity, maximum of two years.

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