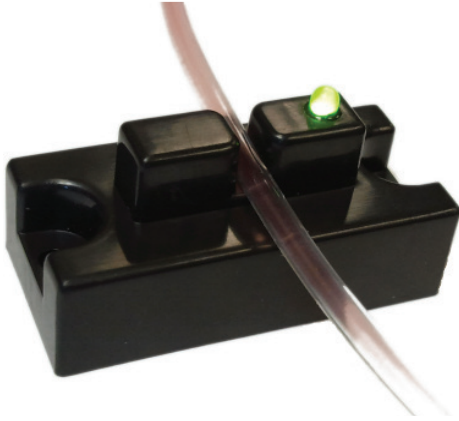


A240 Ultrasonic Air-in-Line / Bubble Detector



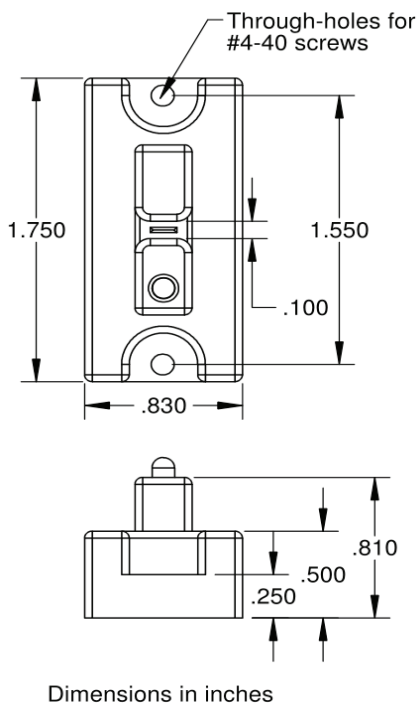
The A240 Air-In-line/Bubble Detector is one of our standard sensors for use with most tubing between 3 and 4 mm OD. It uses our proprietary digital non-invasive ultrasonic bubble sensing technology to accurately and reliably detect bubbles in a wide variety of fluids and tubing materials. The A240 uses a smaller area along the tube for easy and repeatable tube insertion.

Custom characteristics can be provided for OEM users.

FEATURES

- Integrated self-test function
- Low power consumption (<10 mA @5V)
- Dry-couples with a variety of tubing materials
- Custom pinouts, cables, and connectors available
- Digital "smart" circuit for superior cutomizability
- Non-invasive ultrasonic bubble sensing technology
- Red/Green LED for visual indication of sensor output

DIMENSIONAL DRAWING



SPECIFICATIONS

| | |
|---------------|---------------------|
| Tube Size | 3-4 mm OD |
| Bubble Size | Customer Selectable |
| Sensor Input | 5-12 VDC (<10 mA) |
| Sensor Output | 5 V Water / 0 V Air |
| Resonse Time | <1 ms Typical |
| Lead Out | Red 5-12 VDC |
| | Black Ground |
| | Green Output |
| | White Test |