



THE NEW "MEC" SERIES AIR BUBBLE / LIQUID LEVEL DETECTION SENSORS WITH MICRO-ELECTRONIC CONTROLLER

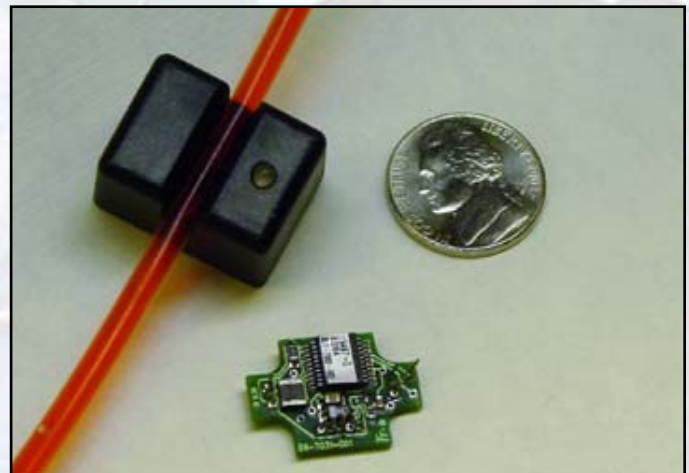
Introtek releases its new MEC series micro-electronic circuitry complimenting our existing line of air bubble, air-in-line and liquid level detection sensors and electronics. The MEC uses Introtek's patented non-invasive pulse-type ultrasonic technology. The MEC operates in conjunction with our sensor assemblies to detect air, bubbles, foam or liquid level in various tubing and vessels in the most critical applications.

At the heart of the MEC is a programmable micro-controller which allows for custom tailored functionality specific to your application. The MEC circuitry is small enough that it can be located internally in an Introtek BDF series sensor head, thus allowing for a compact integral sensor assembly.

We can determine which standard or custom sensor assembly will best meet your requirements.

Contact Debbie Corwin to discuss your air bubble, air-in-line or liquid level application.

Debbie Corwin
General Manager
Introtek
150 Executive Drive
Edgewood, NY 11717-9998
Telephone: 631-242-5425
Fax: 631-242-5260
E-mail: dcorwin@introtek.com



HIGHLIGHTS

- Programmable micro-controller expands functionality
- Built-in fail-safe operation
- High noise immunity to EMI / RFI
- Optional dual redundant operation

FEATURES

Board dimensions:	0.66 × 0.91 inch (16.2 × 23.1 mm)
Voltage requirement:	5 VDC input
Current consumption:	15 mA without LED, 24 mA with LED
Digital output signal:	CMOS, programmable for high or low on wet
Self test feature:	Provides an electronic check for false wet output signals
Response time:	Bubble detection (wet to dry) 215 microseconds maximum, Liquid detection (dry to wet) 46 milliseconds maximum
LED indicator (optional):	Indicates power on and liquid state

OEM APPLICATIONS

Custom designs available