Liquid Level Sensor

The IRU-3430 series provides a non-contact method of detecting level, presence/absence, volume, proximity and distance. With built-in technology to compensate for unpredictable variables such as humidity, temperature and agitators, the IRU-3430 is an ideal sensor for many applications.

Features
- AutoSense software for hassle-free setup
- Internal temperature compensation
- Operating range up to 50 feet
**IRU-3430 Specifications**

### Performance
- **Operating Range**: 1.25 - 50 ft (0.4 - 15.2 m)
- **Beam Pattern**: 9º off axis
- **Internal Temperature Compensation**
- **Frequency**: 43 kHz
- **Accuracy**: ±0.25% of detected range
- **Resolution**: 0.1 in. (2.5 mm)
- **Response Time**: Programmable (20 ms minimum)

### Connectivity
- **Output**:
  - 4-20 mA
  - 4-20 mA with (2) NPN outputs

### Electrical
- **Total Current Draw**: 75 mA @ 24 VDC
- **Supply Voltage**: 12-28 VDC
- **Wiring Connection**: 4 or 5 conductor shielded cable

### Programming
- **Interface with RST-3001 Programmer** (purchase separately - powered by USB)
  - The RST-3001 is 32 bit only
  - The RST-3002 is 32 and 64 bit compatible
- **User selected units of measure**

### Physical
- **PC/PET upper housing**
- **PC/PET Blend Transducer**

### Environmental
- **Ratings**: IP65
- **Operating Temp**: -40º - 140ºF (-40º - 60ºC)

### Certification
- **Class 1, Div. 2, Groups A, B, C, D**
- **IP65**