

Water Detection and Level Sensors

The Water Detection Sensor is a reliable liquid water detection sensor. Can detect water volumes to milliliters. Highly adaptable form factor. The rugged transducer detects water in clear, colored, muddy fluids with high accuracy and resolution. The unit is made in several shapes and sizes, from explosive-proof housings down to a microsensor the size of your little finger.

Applications

- **Water level**
- **Leak Detection**
- **Process**
- **Critical Facilities – computer rooms, etc**

Benefits

- **Adaptable form factor.**
- **Detects water at low volumes**
- **1% accuracy**
- **Easy to use**
- **Digital, Analog, 4-20ma outputs.**



Preliminary Specifications

Measurement range:	Detects at 500 ppm
Sensitivity:	Down to 1 milliliter
Operable sensor temp range:	0°C to +50°C
Response time:	100 millisecc
Accuracy, Linearity & hysteresis:	±1%
Temperature	Automatic correction
Sensor output:	Switched (Sinking or Sourcing), digital, 0.5-5 V
Sensor diagnostics output:	0 – 3.6V optional health parameters
Guaranteed service life time:	18 months.
Linearity:	±1.0% FS
Hysteresis:	none
Repeatability:	±1% FS
Housing:	Per client requirements
Case:	NEMA-4/IP65, UL approvals.