

## **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**

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