

## Smart Leak Detection Sensor

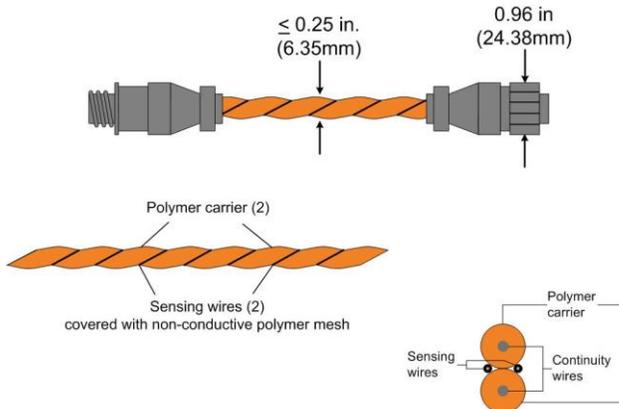
### PRODUCT OVERVIEW

The LEAK-1022-N Smart Leak Detector is a wireless water leak detection system which integrates with the SensiNet family of environmental monitors. It provides continuous monitoring for leaks by integrating a conductive cable sensor manufactured by RLE Technologies with SensiNet wireless technology for reliability and ease of installation. The system will provide an immediate alert for water detected anywhere along the cable and also monitors the status of the cable and will alert on cable failure for maximum reliability. The system is line powered.



Model: LEAK-1022-N

### SPECIFICATIONS



### SensiNet Network Benefits

**Reliable**- Mesh networking provides multiple acknowledged and error checked communication paths ensuring the message always gets through while spread spectrum, frequency hopping radio technology eliminates interference effects. The network is also self healing and able to recover from interruptions by seeking alternate paths.

**Flexible**- Move, add or eliminate sensors and the network reconfigures itself automatically.

**Universal**- Multiple protocols including Modbus, OPC, SNMP, ODBC, and Web Services ensure system compatibility or operate the system as a stand alone data logging system with local or web based logging.

**Scalable**- The same network can start with a single point and grow to thousands without replacing any components or performance degradation.

Device Specifications	
Radio	IEEE 802.15.4 compliant, 2.4 GHz DFSS
Regulatory	FCC Part 15 and CE Approval
Antenna	Internal antenna
Range	Up to 700 ft/212m range (outdoor, line of sight) Up to 230 ft/70m range (typical indoor conditions)
Operating temperature	-10° C to 50° C
Operating humidity	Up to 100% non-condensing
Power	6 VDC from included AC/DC wall adapter
Duty cycle	Remotely user adjustable; default to 1 minute
Dimensions	6.5"W x 6"H x 5"D 165 mm x 155 mm x 125 mm
Packaging	ABS Box - IP65 rated
Mounting	Surface mount ears
Input Specifications	
Number of circuits	1 standard (2 optional)
Supported cable	RLE SC series
Frequency of detected change state	1/10 second
Cable Lengths	10', 25', 50' and 100' which may be combined.
Standard Inactive Extension Length	15'