OMNTEC
Advanced Tank Monitoring & Leak Detection

BRIGHT EYE SENSOR | BX-LS

304 STAINLESS STEEL CONSTRUCTED GENERAL PURPOSE LEAK SENSOR FOR PIPING SUMPS, DISPENSER PANS & DOUBLE WALL STEEL TANKS

OMNTEC® sensors are known for easy installation, reliability, cost-effectiveness and remote testing. Bright Eye Sensors (BX-Series) are self-diagnostic and provide critical information by identifying themselves and their location. Each sensor recognizes its unique serial number, part number and function via an internal microprocessor. This data is relayed to the OEL8000III controller, eliminating guesswork in leak detection.

Using four-wire buss technology, up to 16 Bright Eye Sensors can be networked on a common cable, reducing conduits and installation time/cost. Existing systems can be retrofitted without new cables.

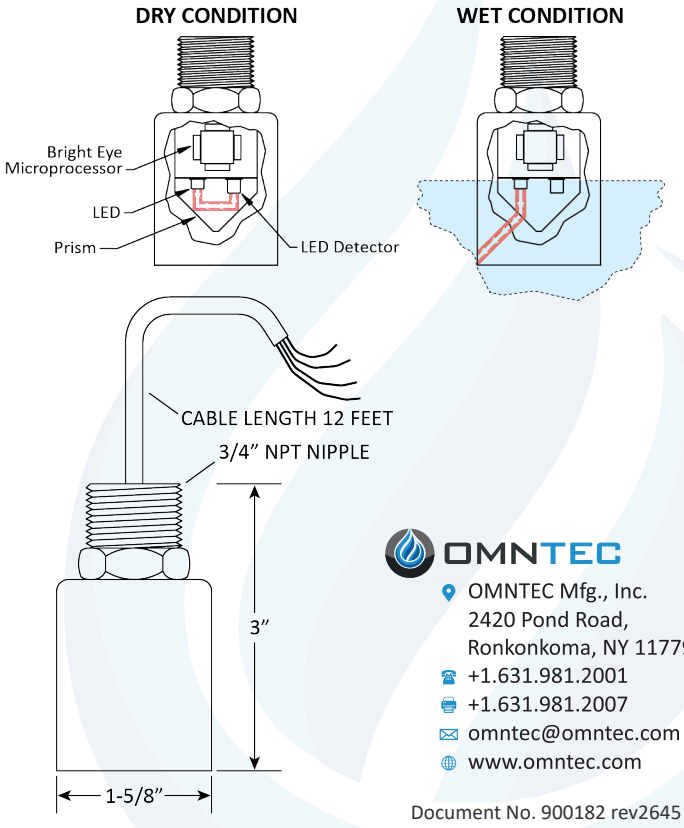
The sensors can be remotely tested with a single button press and are Third Party Certified. BX-Series Sensors use proven optic technology for leak detection, with self-diagnostic and identifying capabilities. The BX-LS sensor is versatile, suitable for various applications like sumps, dispenser pans, and double wall steel tank spaces.



FEATURES

- Self identifying by part number, serial number and function
- Easily installed and programmed
- Less conduit needed
- Easily tested without removal
- Corrosion resistant
- Not affected by hydrocarbon vapors or condensation
- Intrinsically safe
- Detects liquids at any angle
- No moving parts
- Third Party Certified, UL Listed, CUL Listed, ATEX Listed

PRINCIPLES OF OPERATION



SPECIFICATIONS

Power Consumption	12 VDC @ 1.4 mA
Sensor Cable	OMNTEC EC-4 - 4 conductor 22 AWG shielded twisted pair cable with drain or equivalent. Maximum length 2,000 feet (610m).
Principles of Operation Normal Condition Alarm Condition	 Normally closed beam of light Normally closed beam of light opens (refracts)
Response Time	Immediate
Operating Temperature	-40 to 140° F
Compatible Controllers	OEL8000II | OEL8000III
Material of Construction	304 Stainless Steel
Approvals	UL Listed, CUL Listed, ATEX Listed

Specifications subject to change without notice, verify with manufacturer.

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