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AutoLearn™ Electronic Line Leak Detection

Electronic Line Leak Detection

Electronic Line Leak Detection (ELLD) is an optional software feature available on EVO™ 550, EVO™ 5000, EVO™ 600, and EVO™ 6000, that allows you to connect your fuel management system with your pipework system to detect leaks through a transducer device installed in the submersible pump.

HIGHLIGHTS

SPECIFICATIONS

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General

- Dimensions: 6-1/4" x 2" NPT.
- Operating temperature: -40° to 149 °F (-40° to 66 °C).
- Operating pressure: 0 to 100 psi (0 to 689 kPa).
- Belden™ (*) cable: #9363-22 AWG, #9364-20 AWG or #9365-18 AWG.
- Max. sensor to console cable distance: 500' (152.4 M).
- Sensor port fitting: 2" female NPT.
- Sensor material: anodized aluminum body and stainless steel sensor.

Capabilities

- Performs a 3.0 gph leak and pressure test after every dispense cycle or 45 min. Positive shutdown of the affected turbine(s) on test failure.
- Performs a 0.2 gph monthly and 0.1 gph annual precision leak test during the thermally stable periods of dispensing. Optional positive shutdown of the affected turbine(s) on test failure.
- Performs Pressure up, Catch pressure and other additional checks. Alarm only on test failure.

Approvals/Certifications

- TS-LSU500 UL, cUL, ATEX, IECEx
- TS-LSU500E UL, cUL
- Third party certification of leak detection capabilities

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Franklin Fueling Systems

3760 Marsh Road
Madison, Wisconsin 53718 USA
Phone: +1 (608) 838-8786

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