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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
- Fuel compatibility:
 - Diesel with or without biodiesel blends up to 5% (B5)
 - Diesel with biodiesel blends between 6% - 20% (B6 - B20)
 - Diesel with biodiesel blends between 97% - 100% (B99 - B100)
 - Gasoline with ethanol blends up to 10% (E10)
 - Mid-range ethanol/gasoline blends of (E15-20)
 - High-range ethanol/gasoline blends (E51-83) commercially sold as E85

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.

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