



INSTALLATION, OPERATION, AND MAINTENANCE MANUAL

Model S130-132
Float Leak Sensor

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Damage Claims

Thoroughly examine all components and units as soon as they are received. If damaged, write a complete and detailed description of the damage on the face of the freight bill.

The carrier's agent must verify the inspection and sign the description. Immediately notify the delivering carrier of damage or loss. This notification may be given either in person or by telephone. Written confirmation must be mailed within 48 hours. Risk of loss, or damage to merchandise belongs with the buyer. It is the buyer's responsibility to file a claim with the carrier involved. Immediately advise Earthsafe of the problem so that we may assist you.

Safety Information

Intended Use. Earthsafe float level sensors are intended for use with diesel fuel systems for emergency power generators. The sensors and devices are intended for operation only within ordinary electrical areas. Use of the sensors or devices within hazardous electrical areas is prohibited.

Intellectual Property

The equipment and described herein are the property of Earthsafe Systems, Inc. and are protected by various trademarks and patents.



Physical Description

1. Cable: Quick-disconnect cable for removal to test.
2. Housing: Aluminum Housing with 2.00" NPT threaded connection and screw-cap.
3. Stem & Float: Aluminum stem and connector. BUNA floats with NPT Brass connection and clips. Stem may be removed for maintenance or alteration.

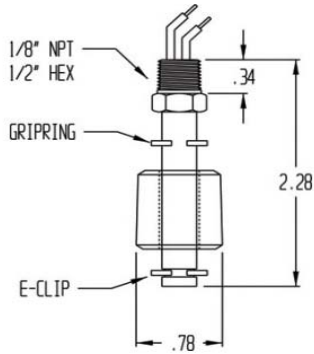
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EMERGENCY POWER FUEL SYSTEMS

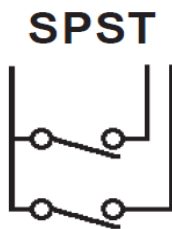
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Float Type

Float Material	Buna N
Float Dimensions	
Operating Temperature	Oil: -40°F to +230°F (-40°C to +110°C)
Min. Media Specific Gravity	0.75

Wiring Number Codes

Wire	Number
Common	#1
HL	#2



Installation

1. Remove packaging and inspect for shipping damage. Note any shipping damage on the shipping ticket and notify Earthsafe within 24 hours of receipt.
2. Set unit at installation location. Use proper handling procedures to avoid damage to the unit.
3. Use 2.00" x 0.50" NPT bushing with 0.50" NPT chord grip connector installed into 0.50" end. Draw sensor cable through bushing then cord grip.
4. Clean bushing thread and apply softset pipe sealer. Install vertically into 2.00" FNPT tank top opening. Lower sensor until resting on bottom of tank. Pull cord tight and tighten cord grip.
5. Connect leak switch wires using wire number code and #14 AWG wire.

Startup

1. Disconnect cable and remove sensor from tank.
2. Move float up (opposite direction for double-wall pipe leak sensor) to simulate leak situation. Confirm desired output is activated.
3. Reinstall sensor into tank and connect cable.