



Electronic Sensors, Inc.

9143 Diver[®] Submersible Level RTU

DESCRIPTION

The *Level Devil*[®] 9143 **Diver**[®] is a state-of-the-art, integrated pressure gauge and modem. It reports the level of a single liquid storage tank. It is housed in a tubular shaped housing allowing the unit to be lowered through a tank's top opening to rest on the bottom. The phone cable is enclosed in a plastic tube for protection and it provides a vent to the atmosphere for the low pressure side of the integrated differential pressure gauge. Electrical power used to operate the **Diver**[®] is obtained from the phone line connection. The **Diver**[®] is a very low powered device (it sleeps a lot) and can run for hours with energy stored in its energy storing capacitor. No batteries are used and it recharges every time it communicates.

SPECIFICATIONS

Monitoring Capability: 1 Tank

Operating Temperature: -20°F to 140°F

Input Power: Obtained from phone line

Sensor Range:

0 - 7.25 psi

0 - 200 inches of water

Weight: 2.0 lbs.

Dimensions: 2.1 inches X 11 inches long

Mounting: Submerge and rest on bottom of tank

Communication:

Level Devil[®] software required (sold separately)

- dial out

- answer

- speed answer

OPERATION

With the **Diver**[®] sitting at the bottom of a tank, any liquid above it causes pressure which the **Diver**[™] senses. Pressure information is converted to level information inside the **Diver**[®] and stored for later retrieval. The internal microprocessor causes the **Diver**[®] to either answer the phone or dial out. The **Diver**[®] can automatically dial out upon a low level alarm. Communication with TankView (sold separately) is bi-directional so new level readings are retrieved and at the same time new commands are sent to the **Diver**[®]. The **Diver**[®] may be connected on the same phone line as FAX machines, computers and answering machines. With its unique speed answer features, the **Diver**[®] lowers its ring count during a programmable time period (say 1AM to 4AM) so it answers before anything else that may be attached to the phone line.



Exposed material: PVC, stainless steel, epoxy and Fluoro Silicone gel

Warranty: 1 year

Electronic Sensors, Inc.

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Level Devil[®]
Bulk Inventory Management Solutions

9143 Diver[®] - Submersible Level RTU

SUPPORTING SOFTWARE

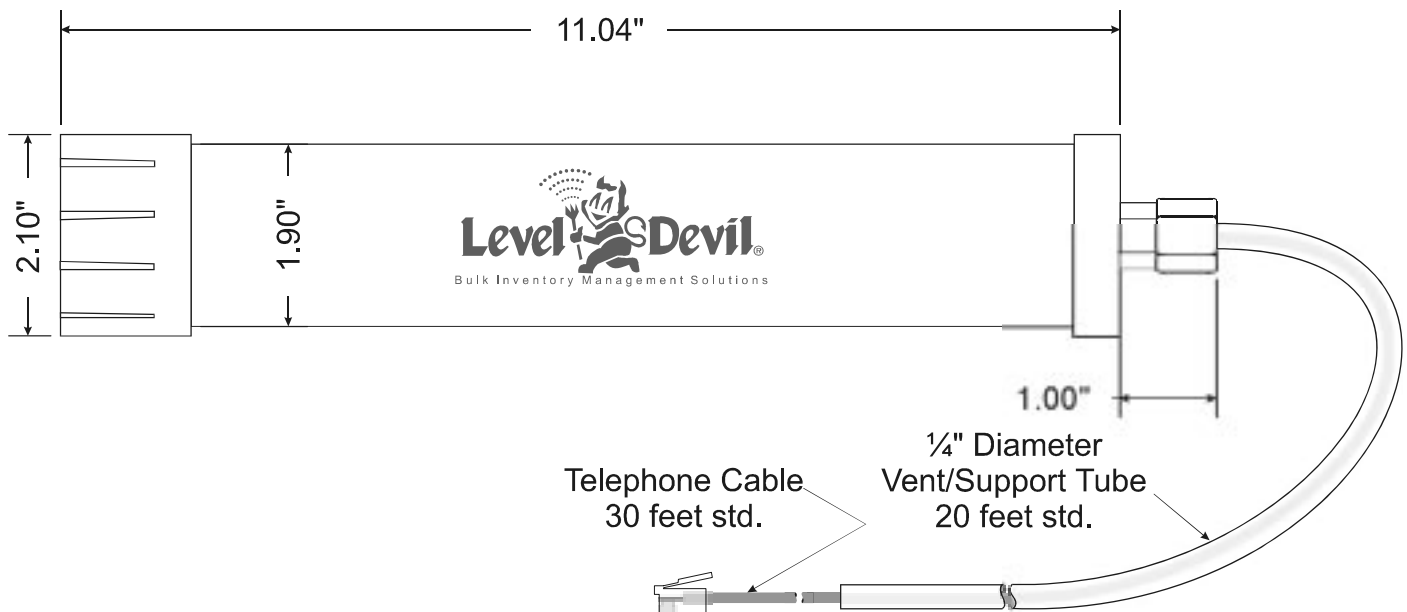
Level Devil[®] Software
See separate specification sheet.

HOW TO ORDER

9143 - L1

20 feet of tubing
30 feet of phone cable
Total length 30 feet

OUTLINE DRAWING



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

Your Area Representative:

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