

## TECHNICAL DATA

# L100 series tank level management system

**FOZMULA**  
INNOVATION IN SENSORS



The **Model L100** series is designed for use in tanks requiring continuous level measurement of their contents and provides a display of the tank contents.

The system comprises two elements which are the control box, with digital display, and a high quality pressure transducer. The transducer is lowered to the bottom of the tank and measures the head of liquid which is converted by the controller and displayed as the percentage remaining of tank contents.

Alarm conditions on high and low level conditions trigger either visual or audible warnings, which optionally can be programmed according to customer needs.

## SPECIFICATION

### Dimensions:

**Tank depth:** Min 750mm, Max 4000mm (Diesel fuel)  
(30" to 157")

### Construction:

**Enclosure:** ABS  
**Sensor tube:** Polyurethane flexible tube  
**Sensor housing:** 316 stainless steel  
**Seals:** Viton  
**Cable glands:** IP68

### Fluid Types:

Fluids compatible with Stainless Steel, PA66, polyurethane & Viton

### Electrical:

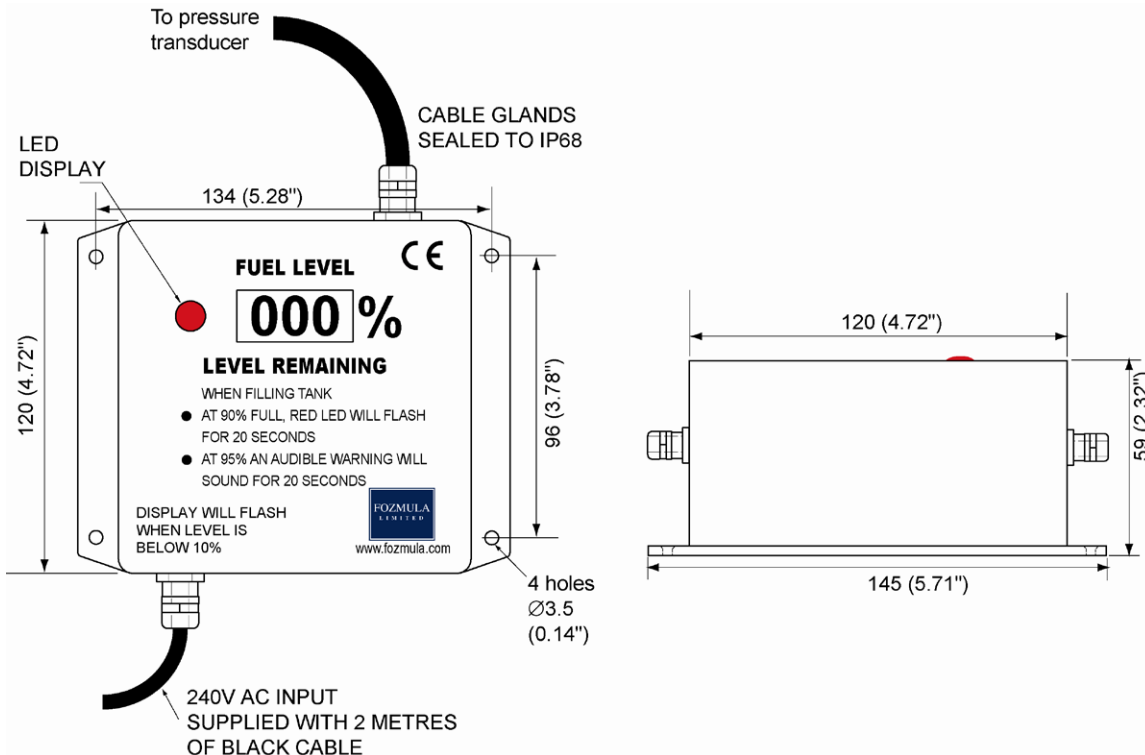
**Supply voltage:** 240VAC nominal  
**LED:** Hyperbright red  
**Alarm rating:** >90Db @ 0.3M  
**Display:** 3 figures LED

### Maximum ratings:

**Pressure (Hydrostatic):** 5 psi  
**Accuracy:** ±3% of total fluid depth

### Environmental Ratings:

**Temperature** - operating: -20°C to +80°C (-4°F to +176°F)  
- storage: -55°C to +105°C (-67°F to +221°F)  
**Sealing:** IP57



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