

TECHNICAL DATA

FOZMULA
INNOVATION IN SENSORS

L100 series tank level management system



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:

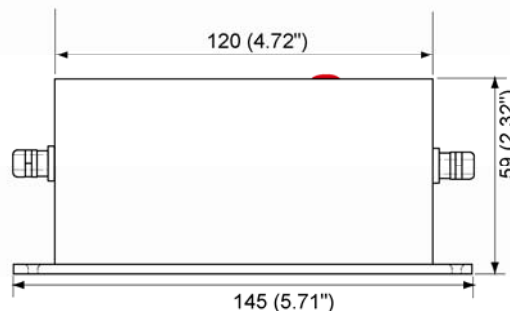
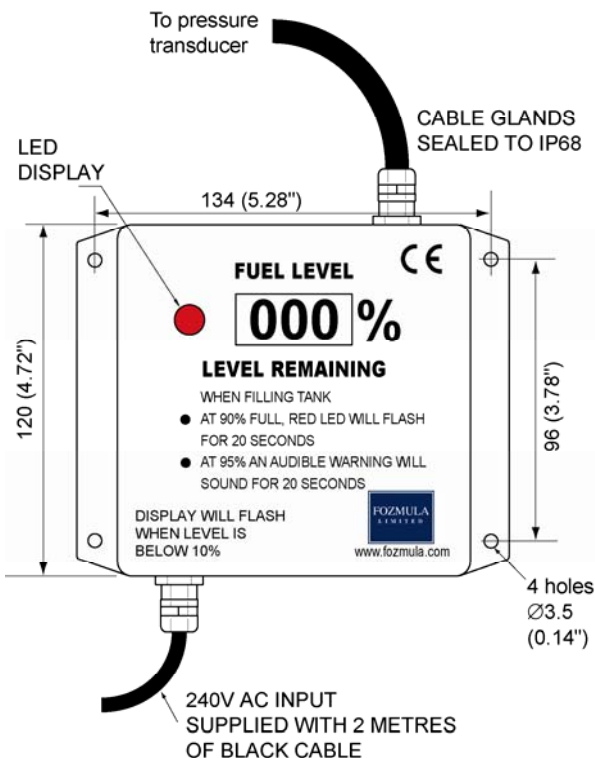
Supply voltage: 240VAC nominal
LED: Hyperbright red
Alarm rating: >90Db @ 0.3M
Display: 3 figures LED

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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