

1. Features

- 12V and 24V operation
- Extremely low profile only 20mm high once mounted
- Operating distance of 0mm to 2000mm maximum
- Programmable tank dimensions via windows application
- Linear and non linear tank calibration at 5 levels
- Supports metal and plastic tanks
- Supports tanks wall thickness up to 6mm (or larger if spacer is used and top limit adjusted)
- Industry standard SAE-5 stud mounting pattern with gasket seal and washers.
- Supports analogue gauge types 10-180, 300-10, 240-33
- Supports Digital meter that require 0-5 volt inputs
- Operating temperature range of 4°c to 65°c

2. Specifications

Electrical

- 10V_{MIN} to 32V_{MAX} DC.
- Ignition protected to ISO 8846
- Fire Resistance tested to ABYC, US Coast guard and ISO10088
- Output types: Analogue 10-180, 300-10, 240-33 ohm gauges and 0-5volt

Environmental

Resistant to Petrol, Diesel, Water, and Chemical Toilet.

Maximum Tank depths

- Operating distance of 0mm to 1100mm for Petrol tanks
- Operating distance of 0mm to 2000mm for Water tanks
- Operating distance of 0mm to 2000mm for Diesel tanks
- Operating distance of 0mm to 1500mm at 55°c

Note: Liquids that may have a sound absorbing surface will limit tank depth or in the worst case provide no return signal eg. foam bubbles or porous sludge.

Permanent liquid surfaces that are more than 3 degree's off level will have a tank depth de-rating effect.

Liquids that have higher viscosities than water (e.g. oil) may not propagate liquid ripples that create a strong return signal. This will also have a tank depth de-rating effect.

Don't use on tanks shallower than 200mm in depth as angular reflections will reduce accuracy.