

# Compulogic L400 Tank Level Sensor

## *Accurate Level Measurement*

The **Compulogic L400** tank level sensor is a cost effective, robust and accurate tank level sensor for liquid level measurement.

Available in three level ranges from 0-2M to 0-10M and is compatible with many fluids including diesel fuel, fresh water and salt water. The L400 provides a simple way to accurately and reliably measure on site liquid levels.

The sensor is compact and robust made from high grade stainless steel and measures only 21mm x 100mm.

The system is very simple to install, requiring a single 21mm diameter hole in the top of the tank through which the sensor is inserted. The same aperture is used for the sensor cable exit which is sealed to IP66 with the supplied cable gland.



Sensor output is a standard 4-20mA and when used with the Compulogic Smart Level Meter provides a complete level measuring system providing both a local level display and remote level readings via a web browser.

The Compulogic Smart Level Meter's onboard web server provides a simple means to program the system, provide remote level readings and send email alerts if user programmed minimum or maximum levels are exceeded.

Supported tank geometries are rectangular or cylinder on end, horizontal cylinder or any irregular tank shape by programming user defined capacity vs. depth figures.

## Specifications

<b>Range</b>	Available in 3 ranges: 0-2000mm (Water), 0-2300mm (Diesel) 0-4000mm (Water), 0-4500mm (Diesel) 0-10000mm (Water), 0-11300mm (Diesel)
<b>SG Range</b>	0.5 to 1.5
<b>Output</b>	4-20mA
<b>Accuracy</b>	0.5% FS
<b>Power Supply</b>	10-30VDC, 26mA max.

## Tank Types

When connected to Compulogic SLi-4 Smart Level Meter or Compulogic LinkTx monitoring systems

1. Rectangular or cylinder on end
2. Horizontal Cylinder
3. Irregular (by user defined capacity vs depth)

## Environmental

<b>Operating Temperature</b>	-20 - +55 °C
<b>Storage Temperature</b>	-40 - +85 °C
<b>Operating Depth</b>	10M (H <sub>2</sub> O) Maximum

## Enclosure

<b>Type</b>	A4 Stainless Steel
<b>Dimensions</b>	21mm x 101mm
<b>Cable Length</b>	3M, 5M, 12M standard, any length extender cables available

## Ordering Information

<b>Description</b>	L400 Level Sensor
<b>Part Numbers</b>	
<b>Range 0-2M</b>	PP9025-V02
<b>Range 0-4M</b>	PP9025-V04
<b>Range 0-10M</b>	PP9025-V10



Designed and made in the UK



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