

# Liquid level display



## Key Features

- Fully Configurable
- High Accuracy
- Low Level Warning
- Low Height and Recess Profile
- Simple Installation
- Lightweight
- Light Sensitive
- Auto-Dimming



The S1 Liquid Level Indicator is designed for use with a Gill Sensors Liquid Level Sensor. Liquid level within the tank is displayed in real-time via 29 super-bright LEDs, with a visible low level indicator that appears on the seven-segment display section.

At just 6mm deep, the aluminium bezel is ideal for dashboard and instrument panel installations. The level indicator is secured in place via two screws, with a simple rectangular cutout required for the recessed electronics. The level indicators are offered in blue (fuel) and red (oil) variants as standard, however other colours and custom identification labels are available on request.

S1 Liquid Level Indicators are ideal for use with regular shaped tanks, where the physical liquid level is a good representation of the volume of liquid remaining. For installations where the tank is an irregular shape the S2 Liquid Level Indicator is recommended. The S2 Liquid Level Indicator can be fully configured to allow a linear display of the tank volume, regardless of changes in tank profile.



**RoHS**   
Compliant

## Electrical

Supply Voltage	Nom 12VDC $\pm 2.8V$
Supply Current	<140mA @12V
Serial Interface	RS232 (+5V)
Resolution	10 bit

## Analogue Input

Voltage Input Range	Configurable 0V - 5V
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## Connection

Integral Connector	Microfit III
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## Mechanical

Dimensions	Refer to drawing overleaf
Mounting	Two M4 threaded holes on a 106mm centre

## Environmental

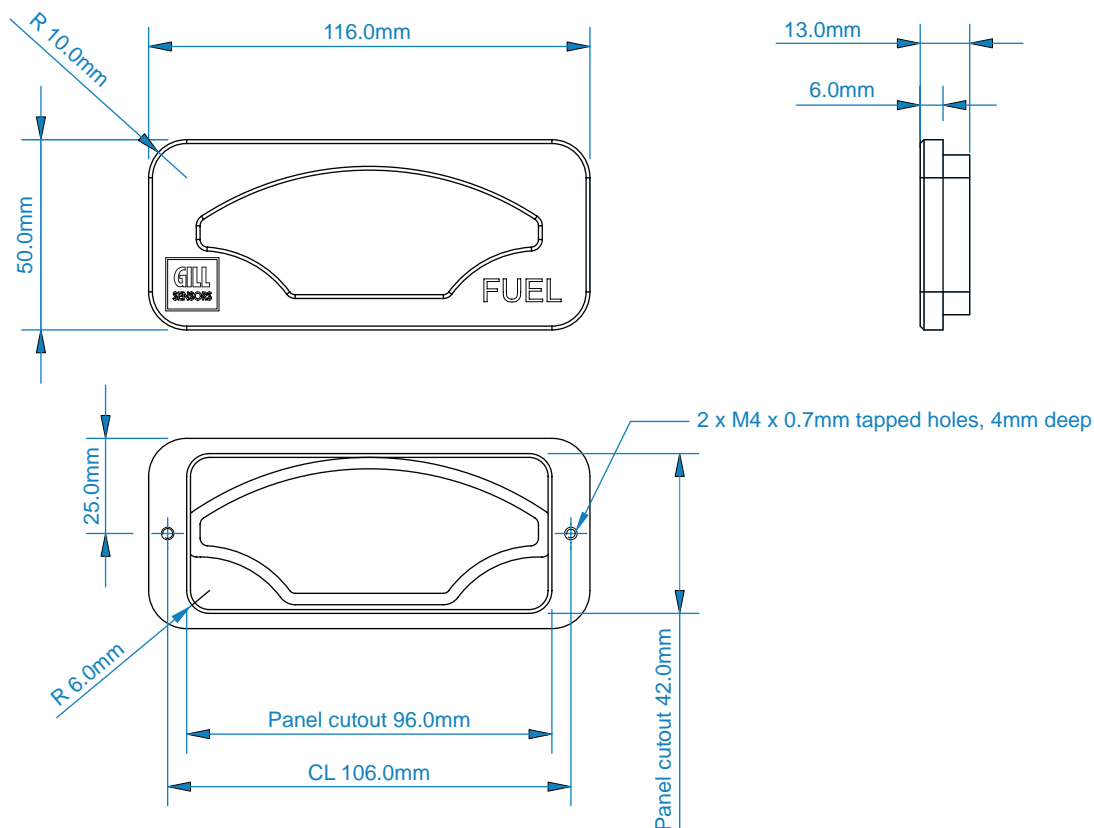
Protection Class	IP65
Operational Temperature	-10°C to +40°C
EMC Immunity Level	SAE J1113/2 1996 design guideline
Vibration	15g RMS (24-2000Hz) & SAE J1455 design guidelines used
Finish	Anodised to DEF STAN 025

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Gill Level Displays are available as Oil, Fuel or Bio-fuel variants as standard. Gill Sensors can produce a level display for almost any specialist liquid so please contact us for more information.



The slimline design allows the bezel to protrude just 6mm from the dash. Dimensions are illustrated below:



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