

# G/LL64 Liquid Level Contents Gauge



The Model **G/LL64** series vertical spiral gauge is an electro-mechanically operated liquid level gauge designed to continuously display the liquid level and provide a volt free contact as a high or low level alarm.

The gauge operates so that as the liquid level changes the float follows that change and uses a magnetic coupling to transfer that motion from the float to the level indicator dial.

A latched reed switch is positioned at a customer specified height and actuates when the float falls or rises past it to make or break an alarm circuit.

## SPECIFICATION

### Liquid Types

Liquids compatible with construction materials, typically fuels, oils, water.

### Materials

<b>Header:</b>	30% Glass Filled Nylon 66
<b>Guide Rail:</b>	Anodised 6005-T5 Aluminium.
<b>End Cap:</b>	30% Glass Filled Nylon 66.
<b>End Cap Screw:</b>	A2 Stainless Steel.
<b>Spiral:</b>	316 Stainless Steel.
<b>Float:</b>	Polypropylene.
<b>Dial Capsule:</b>	Polycarbonate.
<b>Leads:</b>	PVC Sheathed.

### Alarm Switch

<b>Type:</b>	N/O or N/C
<b>Max Power:</b>	10 AV.
<b>Max Current:</b>	0.5 A.
<b>Max Voltage:</b>	100 VAC/VDC (Peak).
<b>Leads:</b>	2-off 7 x 0.2mm (0.22mm <sup>2</sup> ).

### Environmental Ratings

<b>Ingress</b>	IP67.
<b>Operating temp:</b>	-20 °C to 80 °C.
<b>Vibration:</b>	1.88 Grms BS EN 60068-2-64:1995.
<b>Shock:</b>	500 m·s <sup>-2</sup> , 11 ms, BS EN 60068-2-7:1993

### Options

<b>Dial Capsules:</b>	Rochester Sensors or blank marking.
<b>Thread:</b>	1½" BSPT or 1½" NPT.
<b>Alarm Level:</b>	Within range (C-10) mm to (B+10) mm.
<b>Connector:</b>	The GLL64 can be supplied with any suitable style of plug or receptacle as required.

