

TECHNICAL DATA

FOZMULA
INNOVATION IN SENSORS

G/LL64 Liquid Level Contents Gauge



The **Model G/LL64** series vertical spiral gauge is an electromechanically 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 the construction materials, typically fuels, oils, water.

Materials

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

Environmental Ratings

Ingress:	IP67.
Operating Temp:	-20 °C to 80 °C.
Vibration:	1.88 Grms BS EN 60068-2-4:1995.
Shock:	500 m·s ⁻² , 11 ms, BS EN 60068-2-27:1993.

Alarm switch

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

Options

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

