

TECHNICAL DATA

G/LL64 liquid level contents gauge

FOZMULA
INNOVATION IN SENSORS



The **Model G/LL64** series vertical spiral gauge is an electromechanical operated liquid level gauge designed to continuously display the fluid 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. The gauge is completely sealed so there is no risk of the tank contents leaking through the gauge header.

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

Fluid Types:

Fluids compatible with the construction materials including hydrocarbon fuels, e.g. diesel & petrol

Dimensions:

See diagram

Environmental Ratings:

Temperature - operating: -15°C to 66°C (+5° to +150°F)
- storage: -15°C to 66°C (-5°F to +150°F)
Vibration test: BS EN 60068-2-64:1995 (1.88 grms)
Shock test: BS EN 60068-2-27:1993 (500ms⁻² 11mS)

Construction:

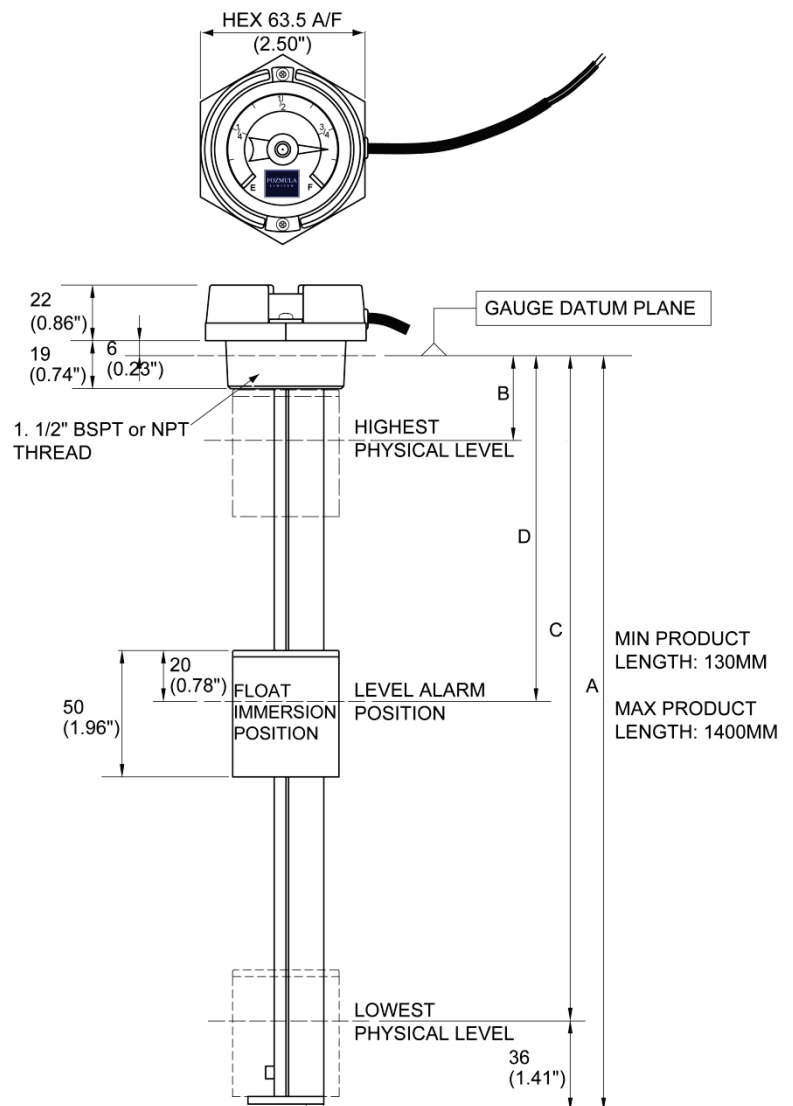
Header: Nylon PA66 GF30%
Main extrusion: Aluminium, anodised 6005-T5
Spiral drive: Brass
Float: Polypropylene
Dial capsule: Polycarbonate
Other wetted parts: Stainless steel

Alarm switch:

Type: Latched
Max switching current: 0.5A
Max carry current: 1A
Max power: 10W
Max voltage: 100AC or DC (Peak)

Wiring:
Insulation: PVC
Conductor area (CSA): 0.22mm²
No of strands & strand size: 7 x 0.2mm
Standard: DEF 61-22 (Part 6) Type 2, BS4808 Part 2
Sleeving material: PVC

General arrangement



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