

Application

The COLM (COntec Level Measurement) G/LL64 is an electromechanical level indicator that continuously displays the liquid level and provides a voltage-free contact as a high or low liquid level alarm. When the liquid level changes, the float follows that change and this movement is transmitted from the float to the scale of the level indicator via a magnetic coupling. Reed switches are located at custom heights and are actuated when the float drops or rises above to close or disconnect the alarm circuit.



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**

Alarm switch

N/O or N/C Type: 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 mm²)

Options

Thread: 11/2" BSPT or 11/2" NPT

Alarm Level: Within range (C-10) mm to (B+10) mm

Connector: The GLL64 can be supplied with any suitable

style of plug as required

Environmental Ratings

Designed to meet:

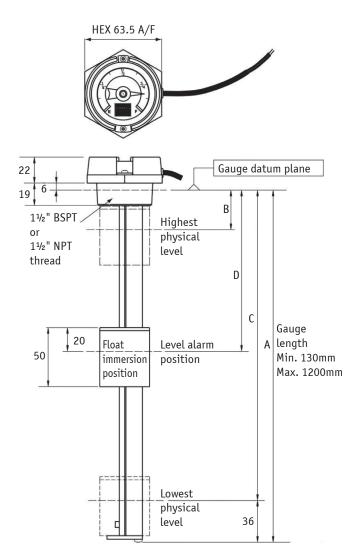
Ingress: IP67

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



contec GmbH Industrieausrüstungen, Juni 2023. Materials and specifications are subject to change without notice. Accuracy depends on correct dimensioning