



Application

The COLM (COntec Level Measurement) G/LL64 is an electro-mechanical 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

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

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 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

