

LEVELITE SPECIFICATION SHEET

INTEGRAL TEFLON CONTROLLER PROBE

MODELS: GLL 100240 (5VDC) or GLL 100250 (12-32VDC)

PRODUCT HIGHLIGHTS

- Point Level Sensor, Leak Detector, Pump Protector
- Interfaces With Computer/PLC
- Self Contained Stand Alone Unit
- Extendible Insertion Lengths
- Surface Mount Electronics
- For Corrosives and High Purity Liquids

DESCRIPTION

Both models contain all of the necessary electronics internally, allowing them to be used without a separate controller. The GLL 100240 is 5.0 VDC TTL compatible and the GLL 100250 operates from 12-32 VDC. By combining circuit board electronics with photodetector sensing abilities this probe can perform control or output functions. Signal processing takes place inside the probe and an output change indicates an alarm when the probe tip is wet.

SPECIFICATIONS

Overall Length: 2.8" (71.4 mm.)

Weight: 8.3 oz. (235g)

Material: PFA Teflon

Process Connection: 1/2" NPT

Conduit Connection: 1/2" NPT

Cable Type/Length: Belden 8443/ 25 Ft. (7.62m) Standard

Operating Temp: -20° F to +175° F (-29° C to 80° C)

Maximum Operating Pressure: 100 PSI (7 kg/cm²)

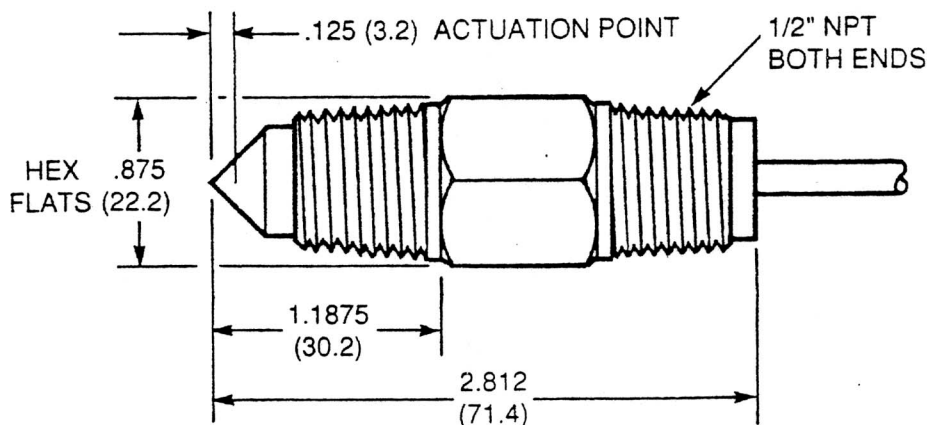
Repeatability: $\pm 0.020"$ (0.5mm) in water

Supply Voltage: GLL 100240, 5VDC; GLL 100250, 12-32 VDC

Output: GLL 100240, 5VDC/wet, sourcing and sinking; GLL 100250, supply minus 1.5 VDC/wet, sourcing

Sensor Operation: Optical refraction, modulated infrared with 6800 Å chromatic filter.

For installation & wiring see GLL 180026



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