Liquid Nitrogen Level Sensor Configuration

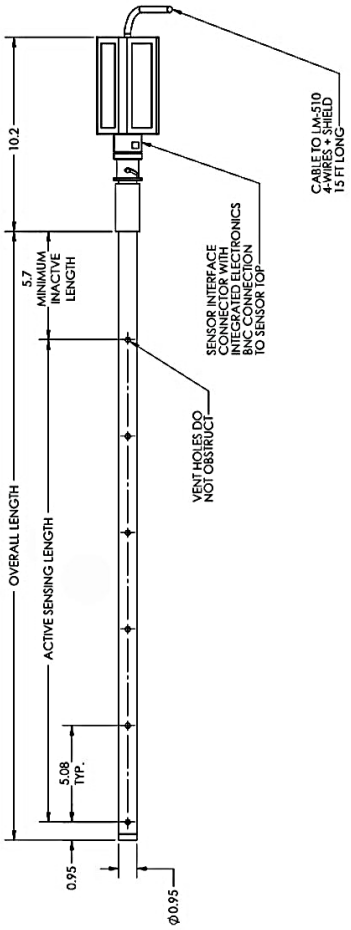
CRYOMAGNETICS, INC.
INNOVATIVE TOOLS FOR SCIENTIFIC RESEARCH

Cryomagnetics' capacitance-based liquid cryogen level sensors are suitable for measuring liquid nitrogen in laboratory settings (closed vessels).

Operation is capacitance-based using cryogenic liquid as the dielectric. As liquid level changes, the varying capacitance is interpreted by a Cryomagnetics' liquid cryogen monitor as an easily understood readout. For the latest in liquid cryogen level measurement instrumentation, please check out our Model LM-510 Liquid Cryogen Monitor. Liquid nitrogen capacitance sensors are available in active sensing length from 1cm to 193cm, in **integral multiples of 1cm**. Contact Cryomagnetics directly for custom mounting options. When considering overall length ≥6.7cm (5.7cm above the active length + ~1cm for deadspace at tip) should be added to the insertion length as shown in the drawing below. 5 meters of interconnecting cable and oscillator are provided.

Please provide all applicable dimensions along with Part Number to assure proper configuration.

A. ACTIVE SENSING LENGTH _____ cm.
B. INACTIVE LENGTH (6.7 cm min)_____cm.
C. OVERALL LENGTH (Active + Inactive Lengths)_____ cm.



Model NL

- 0.952 cm (3/8") O.D.
- 1 cm to 193 cm active sensing length
- 200 cm Max overall length

Options:

- 3/8 NPT Teflon compression fitting (TF)
- Welded 3/8 NPT Male fitting (WF)
- Welded mini-Conflat flange (WCF)

NOTE: Custom mounting options are available, please contact your sales representative to discuss available configurations

To Order, Specify Part Number:

NL-___ ___ ___-___ ___ ___- _____
Model Active Length Overall Length Options

Examples:
NL-030-063
NL (3/8" OD) sensor, 30cm active length, 63cm overall length, 63cm insertion length
NL-030-063-WCF
NL (3/8" OD) sensor, 30cm active length, 63cm overall length with stainless steel welded mini conflat, 63cm insertion length

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