Hermetic Superconducting Liquid Helium Level Sensor Configuration

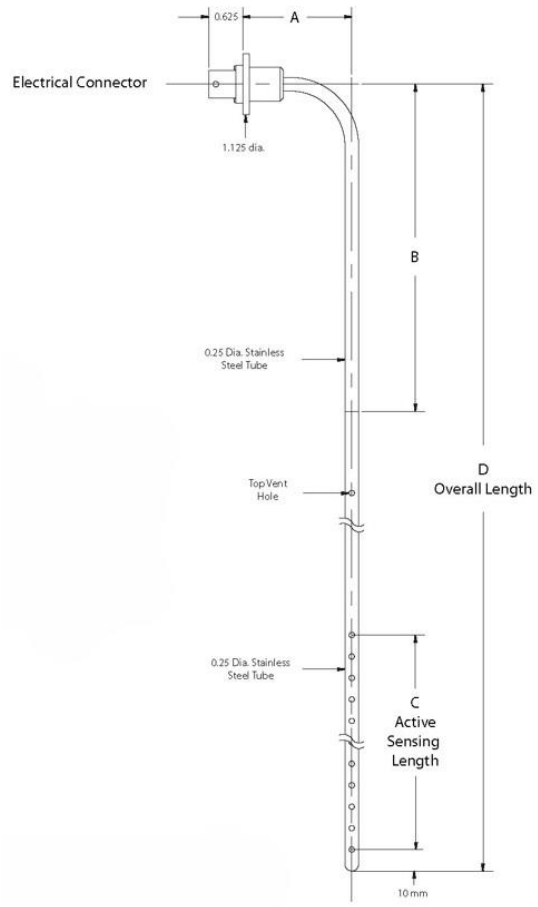
CRYOMAGNETICS, INC.
INNOVATIVE TOOLS FOR SCIENTIFIC RESEARCH

Cryomagnetics' line of hermetic superconducting liquid helium level sensors offer low helium consumption and custom configurations which allow for external mounting to helium vessels. Cryomagnetics' level sensors are compatible for use with all Cryomagnetics' liquid helium level instruments

Hermetic sensors are available in two different outside diameter sizes and in active sensing length from 1cm to 109cm, in **integral multiples of 1cm**. Hermetic mil spec electrical connections welded to either 90° or straight stainless steel sleeve is used for compression clamping to vessel. Contact Cryomagnetics directly for custom mounting options. Hermetic sensor overall length is longer than the active length due to 10mm dead space at sensor tip plus the inactive/stainless steel lengths and bend radius. When considering overall length 2.5cm (1") should be added to the insertion length as shown in the drawing below. 5 meters of interconnecting cable is provided.

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

A. ACTIVE LENGTH _____ cm.
B. STAINLESS STEEL SLEEVE LENGTH (+2.5cm)_____ cm.
C. INACTIVE LENGTH_____cm.
D. OVERALL LENGTH (Insertion length + 2.5cm)_____ cm.



Model 3DA

- 0.635 cm (1/4") O.D.
- 1 cm to 109 cm active sensing length
- 111 cm Max overall length

Options:

- 2-wire configuration (2)
- 3-wire configuration (3)
- Straight sensor design (STRAIGHT)

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

To Order, Specify Part Number:

3DA-___ ___ ___-___ ___ ___- _____
Model Active Length Overall Length Options

Examples:
3DA-030-063
3DA (1/4" OD) sensor, 30cm active length, 63cm overall length, 60.5 insertion length
3DA-030-060-2-STRAIGHT
3DA (1/4" OD) sensor, 30cm active length, 60cm overall /insertion length, 2 wire, straight stainless steel portion

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