Flexible Superconducting Liquid Helium Level Sensor Configuration

CRYOMAGNETICS, INC.
INNOVATIVE TOOLS FOR SCIENTIFIC RESEARCH

Cryomagnetics' line of superconducting liquid helium level sensors offer low helium consumption and proper venting in any mounting orientation. Cryomagnetics' level sensors are compatible for use with all Cryomagnetics' liquid helium level instruments

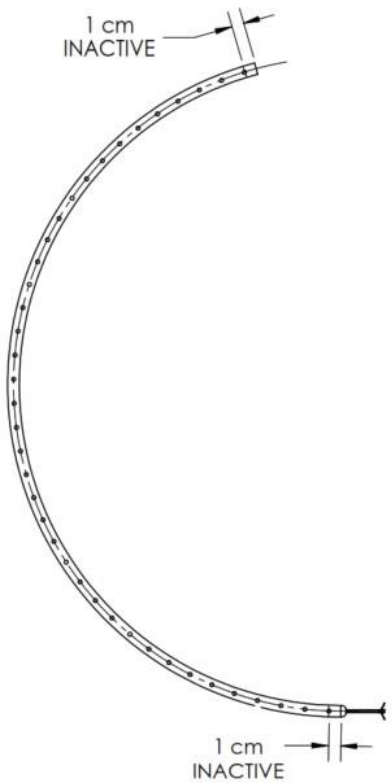
Flexible sensors are available with an outer diameter of 0.632cm (3/8"), in active sensing length from 1cm to 200cm, in **integral multiples of 1cm**. Sensor overall length is 2cm longer than the active length due to dead space required on both ends.

Four 30cm long #30AWG Teflon insulated leads for internal cryostat connections.

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

Minimum bend radius: ~300 cm

A. ACTIVE LENGTH _____ cm.
B. OVERALL LENGTH (Active Length + 2cm) _____ cm.
C. OPTIONAL WIRE LENGTH _____ m.



Model 4D FLEX

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

Options:

- 2-wire configuration (2)
- 3-wire configuration (3)
- Phosphor-bronze lead wires (PBW)
- Extended Teflon lead wires, note length in meters (ETW) (#m)
- Extended phosphor-bronze lead wires, note length in meters (EPBW) (#m)

To Order, Specify Part Number:

4D-FLEX-___ ___ ___-___ ___ ___- _____
Model *Active Length* *Overall Length* *Options*

Examples:
4D-FLEX-093-095-2-PBW
(3/8" OD) flexible sensor, 93cm active length, 95cm overall length, optional 2 phosphor bronze wires.
4D-FLEX-070-72-EPBW-2M
(3/8" OD) flexible sensor, 70 cm active length, 72cm overall length, optional 2-meter phosphor bronze wire

1006 Alvin Weinberg Drive • Oak Ridge, Tennessee 37830 • Telephone (865) 482-9551 • Fax (865) 483-1253
Web: www.cryomagnetics.com • Email: sales@cryomagnetics.com