

Excellence in Cryogenics

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Flexible Cryogenic Level Sensors

For over ten years, KIC has manufactured Cryogenic Level Sensors for a variety of applications and Cryogens such as LN2, LOX, LNG, and Lar. These reliable instruments can be configured in many shapes and can be manufactured to handle pressures up to 100 bar.

Our newest offering not only combines the KIC reliable design, it now can be manufactured as a flexible sensor. This new capability is ideal for older legacy tanks and for applications where the sensors must traverse around corners and difficult tank geometries.

General Specifications

Identifier:	FLX5 Flexible Level Sensor	
Shaft Diameter:	0.375-in OD as a Standard 6 to 12 mm Available	
Types:	True Capacitance	
Cryogens:	LN2, LAr, LNG, and LOX	
Origin:	Made by KIC in the USA	
Output Signal:	0-5 VDC Linear Serial, 4-20 mA as Options	
Temperature:	Type-T TC as an Option	



Biological Storage Refrigerators SEM, TXRF, and X-Ray Crystallography Dewars LN2 and LOX Generators LNG Road Tanks



Flexible Solutions for Any Dewar.....

Complete the attached specification sheet to configure your custom level sensor. E-mail your requirements to receive a quotation and delivery time for application. Follow these instructions to receive a response

Distributed and Supported by:		

FLX5 LEVEL SENSOR CONFIGURATION

STEP-1 CRYOGEN DETAILS

FLUID TYPE LN2, LAr, LNG, LOX PRESSURE BAR, PSI

STEP-3 OUTPUT

0-5 VDC LINEAR	STANDARD
SERIAL UART	AVAILABLE
SERIAL	SPECIAL
CABLE LENGTH	METERS

STEP-4 QUANTITY

NUMBER OF PIECES

STEP-5 EMAIL DETAILS TO KIC FLX5@kelvinic.com

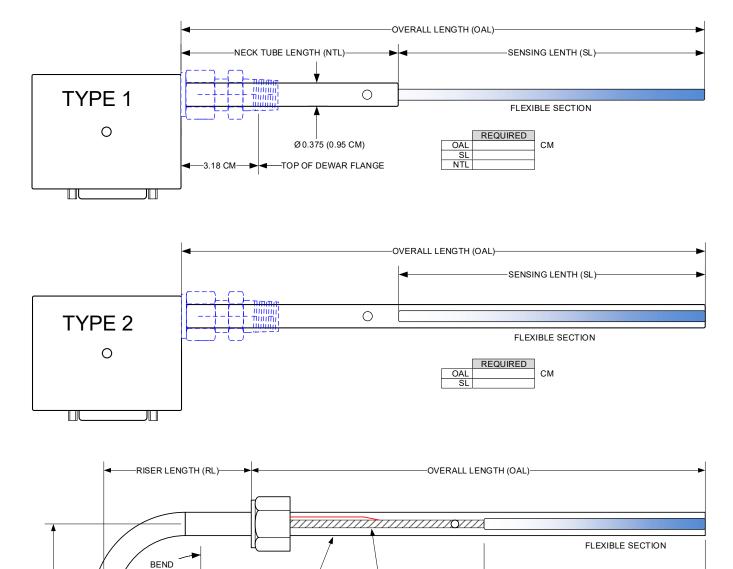
STEP-2 CONSTRUCTION DETAILS

SELECT TYPE OF ASSEMBLY AND PROVIDE CONSTRUCTION PARAMETERS

ANGLE (BA)

 TYPE 3

EXTENSION LENGTH (EL)



3

-SENSING LENGTH (SL)-

СМ

DEG

REQUIRED

OAL SL

RL EL BA