

Geotech's Level Control Probes and Switches are designed to provide highly reliable monitoring and detection across a wide range of fluids. They can be used with everything from light oils and hydraulic fluids to diesel, water, and even biohazards. To meet these diverse needs, Geotech offers multiple sensing technologies, including float switch and conductivity sensing. Sometimes, more than one solution might be a good fit, allowing customers to choose based on their preference. Geotech's product line includes single-point, multi-point, and continuous level switches, as well as visual level indicators.

FEATURES

- Intrinsically safe voltage design
- Stainless steel shaft
- Float material designed for use in most hydrocarbon/ water applications
- Available in NO/NC options
- Available for harsh environmental applications, call for quote.
- Conductivity probes also available, call for quote.

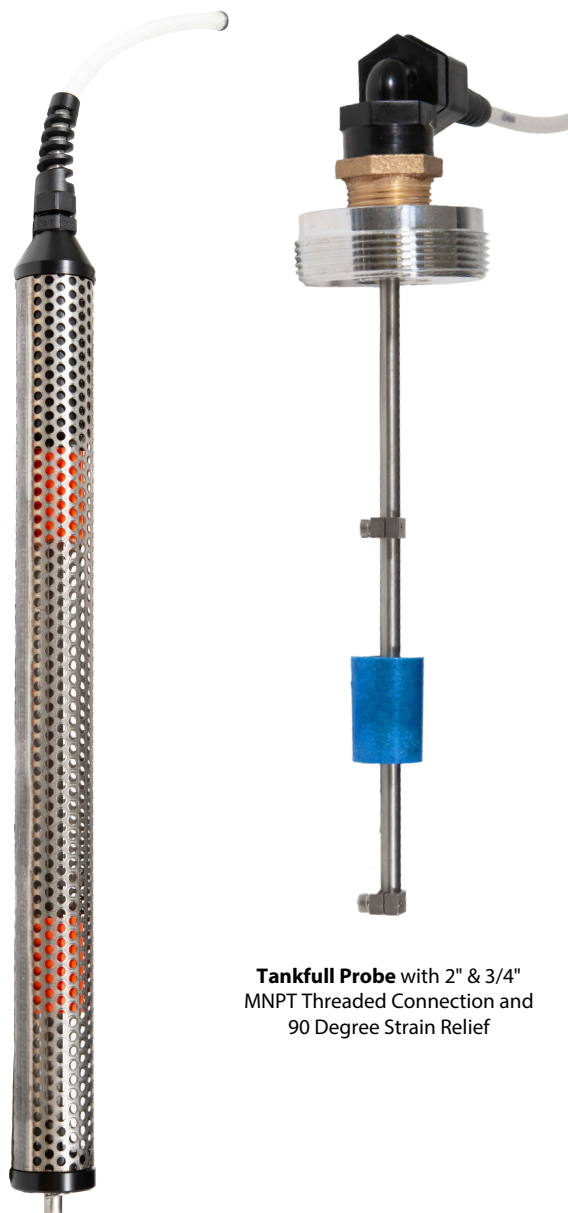
OPERATION

Float activated switch(s) are embedded in the shaft of each level switch probe. As a float passes over the switch, the switch is activated to change the electrical contact state, thus sending a signal to a customer supplied control panel or device.

APPLICATION

Geotech Level Control Probes are designed to meet a variety of applications such as:

- **Environmental Remediation:** Use in pumps and other equipment for groundwater extraction and hydrocarbon recovery
- **Industrial Process Control:** Regulating fluid levels in tanks and sumps
- **Tank Level Management:** preventing overfilling or running dry in diesel fuel, oil, and other storage tanks
- **Wastewater Treatment:** Controlling levels and operations in lift stations, treatment basins, and sumps
- **Deionized and Potable Water Systems**



Dual Float Probe (Water Table Depression Pump) with Optional Protective Screen and Straight Strain Relief

Tankfull Probe with 2" & 3/4" MNPT Threaded Connection and 90 Degree Strain Relief

CALL GEOTECH TODAY

(800) 833-7958

Geotech Environmental Equipment, Inc.

2650 East 40th Avenue Denver, Colorado 80205

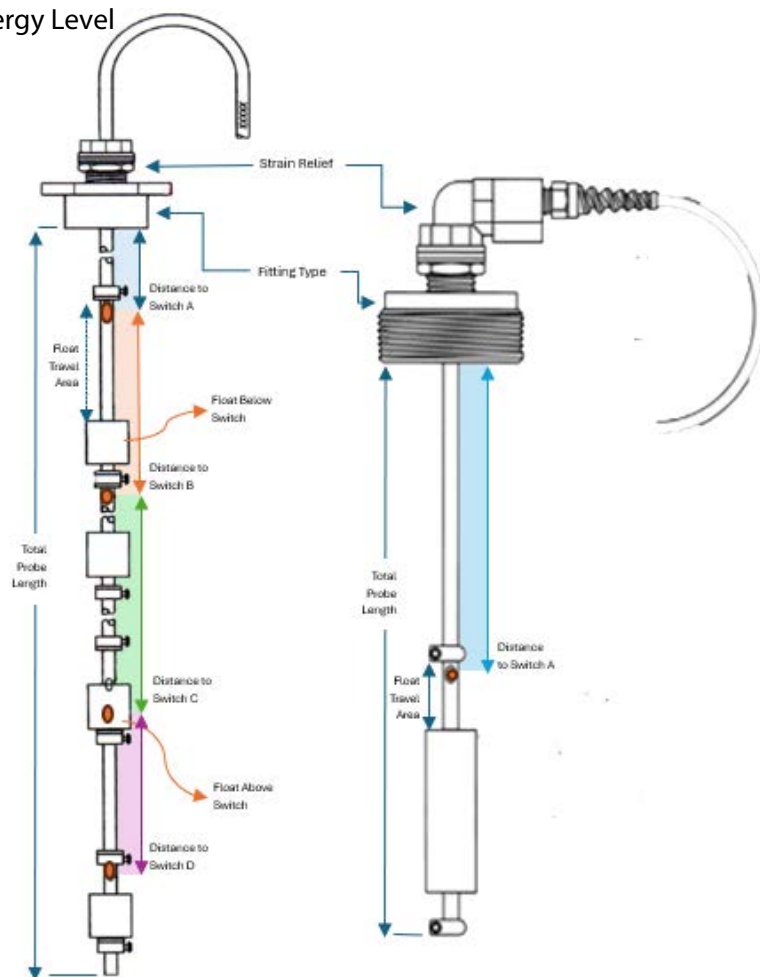
(303) 320-4764 FAX (303) 322 7242

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CUSTOM PROBE OPTIONS

Probe Function:	Float Conductivity Combination of Both
Switch Distance:	Minimum of 1"
Switch Contact Type Options:	Normally Open Normally Closed
Type of Float:	Product Float (Blue) SG 60 Water Float (orange) SG 90 SST Product Float SST Water Float
Float Material:	Urethane or Stainless Steel (SST)
Float Position:	Above Switch Below Switch
Float travel area in inches:	Minimum 6 inches*(.15m)
Switch Type:	Magnetic Reed
Fitting:	Threaded Connection Slip Fit Connection Custom
Cable Options:	Polyurethane ETFE
Cable Length (ft):	10' 25' 50' 75' 100' Custom Lengths Available
8 inch Pin Connector :	Optional
Power Requirement:	5 Volt DC with I.S. Energy Level
Strain Relief Orientation:	Straight 90 Degree

*The total length of the level probe is the physical dimension of the probe's stem from the end of the mounting threads to the bottom of the probe. This measurement determines the maximum liquid depth the probe can monitor. It's critical to ensure the total length is slightly greater than the maximum liquid level in the tank to ensure all desired switch points can be accommodated and to allow for proper installation.



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**Request
Information**