

## PTFE Float Level Switch

Tilt Type for Aggressive Liquids



measuring  
•  
monitoring  
•  
analyzing

NST



- Max. Pressure: 15 PSIG
- Max. Temperature: 302 °F
- Minimum S.G.: 0.79
- PTFE Float
- FEP Cable
- SPDT Mechanical Switch Contact
- Connectable as N/O or N/C



Order from: **C A Briggs Company**

622 Mary Street; Suite 101; Warminster, PA 18974

Phone: 267-673-8117 - Fax: 267-673-8118

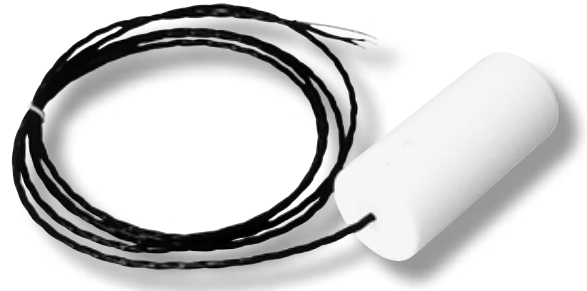
[Sales@cabriggs.com](mailto:Sales@cabriggs.com) - [www.cabriggs.com](http://www.cabriggs.com)

KOBOLD Instruments, Inc.  
1801 Parkway View Drive  
Pittsburgh, PA 15205



**Description**

KOBOLD NST PTFE tethered float switches enable easy monitoring of liquid levels. To control filling levels, install two of these rugged, mechanical float switches with one positioned as a minimum and the other as a maximum limit switch. The switches can then be connected to a suitable latching relay (such as our MSR- series, sold separately) for automatic level control. Consider a tethered float switch wherever stem-mounted magnetic liquid level switches are unsuitable due to the risk of the float jamming with metallic debris or coating media. Because of their PTFE construction, they are ideal for monitoring the level of many aggressive, hot, dirty, or pulp-like media.



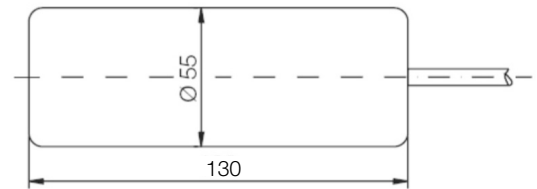
**Technical Details**

**Materials**

- Float:** PTFE
- Cable:** FEP, 6.6 ft.
- Max. Pressure:** 15 PSIG (1 bar)
- Max. Temperature:** 302 °F (150 °C)
- Minimum Specific Gravity:** 0.79 S.G. (0.79 kg/dm<sup>3</sup>)
- Contact:** SPDT Mechanical Switch Changeover, Connectable as N/O or N/C, Mercury Free
- Switch Capacity:** 4 to 250 VAC / VDC  
60 VA, 1mA to 1 A Max.
- Min. Switching Hysteresis:** Approx. 100 mm
- Switching Angle**
  - Activate:** + 20°
  - Deactivate:** -20°

(Switching Angles are Approx. and will vary per Installation)
- Protection:** IP 68

**Dimensions (mm)**



**Order Details** (Example: NST-5101)

Model	Description
NST-5101	Tubular PTFE Float, Standard FEP Cable
Options	
..ECFEP	Extended-Length FEP Cable, Specify Length when Ordering (Special Order, Non-Stock Item)