

316-Ti Stainless Steel Float Level Switch

Tilt Type



measuring
•
monitoring
•
analyzing

NSE



- Max. Pressure: 220 PSIG
- Max. Temperature: 302 °F
- Minimum S.G.: 0.8
- 316-Ti Stainless Steel Float
- Silicone Cable
- SPDT Mechanical Switch Contact
- Connectable as N/O or N/C



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Description

The KOBOLD NSE Series stainless steel float level switches enable liquid levels to be monitored easily and reliably. Tank levels may be conveniently controlled by the installation of two floats, one as a minimum level, the other as a maximum and then connected to a latching relay (sold separately) for automatic tank level control. These stainless steel float level switches can be installed wherever magnetic liquid level switches are unsuitable due to the risk of the float jamming with debris or coating-type media. All types of compatible liquids, including hot, contaminated or pulp-like media may be monitored with the KOBOLD NSE Series stainless steel float level switch.

Technical Details

Materials

- Float:** 316-Ti Stainless Steel
- Cable:** Silicone, 6.6 ft.
- Armor:** 316L/304 SS Overbraid

Fitting: 1/2" NPT, Male, 316-Ti SS

Mounting Options: Inside Tank Wall with NPT Connection
Outside Tank Wall with Customer's Flange

Max. Pressure

- NSE-5101:** 87 PSIG (6 bar)
- NSE-5201:** 220 PSIG (15 bar)

Max. Temperature: 302 °F (150 °C)

Minimum Specific Gravity: 0.8 S.G. (0.8 kg/dm³)

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

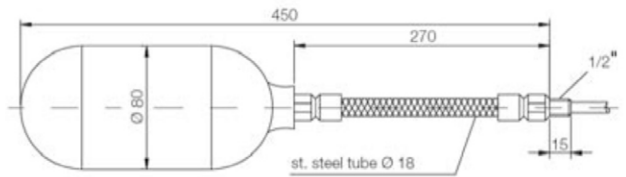
- Activate:** + 20°
 - Deactivate:** -20°
- (Switching Angles are Approx. and will vary per Installation)

Protection: IP 68

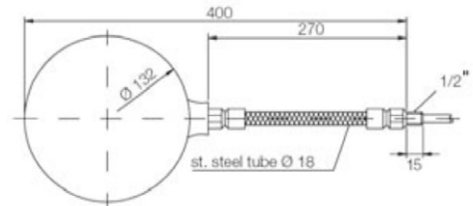


Dimensions (mm)

NSE-5101



NSE-5201



Order Details (Example: NSE-5101)

Model	Description
NSE-5101	Tubular Float, Standard 6 ft. Silicone Cable
NSE-5201	Ball Float, Standard 6 ft. Silicone cable
Options	
..ECSIL	Extended-Length Silicone Cable, Specify Length when Ordering (Special Order, Non-Stock Item)