

## TECHNICAL DATA

### T/LL80 & 81 Side Entry Float Switch

**FOZMULA**  
INNOVATION IN SENSORS



The **T/LL80** and **T/LL81** single point side entry float switches are designed around the simple, proven and reliable reed switch and magnet principle.

The T/LL80 is mounted from the inside of the tank whereas the T/LL81 has a universal fitting, which expands on tightening, and can be mounted from either the inside or outside of the tank. Both versions can be used to trigger either a low level or high level alarm.

## SPECIFICATION

### Liquid Types

Liquids compatible with the construction materials, typically diesel, kerosene, petrol, water.

### Materials

**Float & Stem:** Polypropylene or nylon.  
**Washer / Bush:** Nitrile.

### Environmental Ratings

**Operating Temp:** -30 °C to +70 °C.  
**Operating Pressure:** 4 bar.

### Electrical

**Operation:** N/O or N/C – user selectable.  
**Max Current:** 1.5 A.  
**Max Voltage:** 350 VAC / 500 VDC.  
**Max Power:** 50 W.

### Dimensions

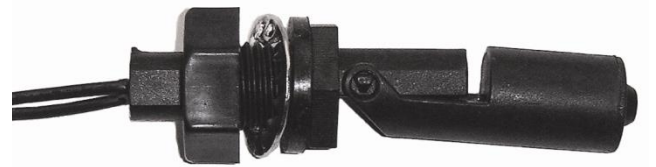
**T/LL80 Tank Mounting:** Ø16 mm hole.  
**T/LL80 Max Tank Insertion:** 55 mm.  
**T/LL80 Float Movement:** 50 mm (from horizontal).

**T/LL81 Tank Mounting:** Ø23 mm hole.  
**T/LL81 Max Tank Insertion:** 65 mm.  
**T/LL81 Float Movement:** 50 mm (from horizontal).

### Connections

**Flying Lead Length:** 500 mm of 22 AWG PVC.

### T/LL80 – Internal Fitting



### T/LL81 – Universal Fitting

