

**T/LL70 Vertical Float Switch** 



The **T/LL70** series is a comprehensive range of vertical float level switches designed around the proven and reliable magnet and reed switch principle.

Comprising many build variants, the **T/LL70** is customised to each application by means of materials, level adjustment, connection, thread and reed contact specification etc. The data below gives some sense of the numerous combinations, but some interdependency exists with regard to the materials of construction.

## **SPECIFICATION**

Liquid Types Liquids compatible with the construction materials: typically diesel, kerosene, petrol, water

## Materials: **Typical Float Switch Builds:** С Α в D 5 (2.19") UPVC (2.70").5 316 SS Header Brass Brass (3.13") DATUM FACE FOR Stem Brass Brass 316 SS uPVC MEASUREMENT OF 55. Float PP Nitrophyl 316 SS PP 5 STEM LENGTH & 80 <u>б</u> 304 SS UPVC **Float Stops** 304 SS 304 SS SWITCH SETTINGS Gasket Klingersil 4324 (where fitted) 1" BSPP OR NPT Enclosure ABS ENGTH AS ORDERED THREADS. OTHER SIZES **Dimensions:** ARE AVAILABLE Max. Length: 2250 mm Brass, 3000 mm SS, 1500 mm uPVC Min. Length: 200 mm (4 Floats, 10 VA Reeds) Min. Switch to Switch Dim: 40 mm (10 VA Reeds) Min. Switch to End Dim: 40 mm (10 VA Reeds) Min. Switch to Datum Dim: 40 mm (10 VA Reeds) Fittings (typical): 1" BSPP / BSPT / NPT, 1.5" BSPP / NPT Brass: Stainless: 1" BSPP / BSPT / NPT, 1.5" BSPP / NPT CE uPVC: 1" BSPP **Operation: Max Number of Floats** 6 x N/O or N/C, 4 x C/O **Reed Contact Speci' cation:** 120.0 (4.72") N/O or N/C C/O **Reed Form** ≤ 250 VAC/VDC ≤ 500 VAC/VDC Voltage: **Current:** ≤ 3 A\* ≤ 3 A\* Power: ≤ 120 VA ≤ 100 VA Ø85 (3.35" \*1 A standard **Environmental Ratings:** 00 Ingress (Enclosure) IP67 25. **Operating Temperature:** -20 °C to +70 °C 7.44 Grms, BSEN 60068-2-64:1993, Random Vibration Vibration:

## **Connections:**

Enclosure: Flying Leads: Entry is M20 threaded for gland / conduit. Screw terminals for  $\leq Ø2 \text{ mm} / 3 \text{ mm}^2$  conductors. Connectors / terminals as required.

8.6/29 Rev 3

E. & O. E. © Rochester Sensors UK Limited.

Since the suitability of these products depends upon a wide range of factors not in our control, Rochester Sensors UK Limited expects and understands that you will conduct the testing and evaluation necessary to determine that these products are suitable for your application. Whilst every effort is made to ensure the above details are correct at the time of printing. Rochester Sensors UK Limited reserves the right to make material changes, and or technical changes without notification.