

KABIR INSTRUMENTS & TECHNOLOGY

TOP MOUNTED LEVEL SWITCH



" **Kit**" offers Compact and reliable low-cost miniature type Level Switch suitable for side mounting in small tanks and containers. Can be used for wide range of liquids.

Principle of operation : -

The unit consists of - A vertical guided tube (stem) within which are located the sensor switches, Magnetic float sliding over the stem according to the level in the tank, Switch housing & necessary mounting connection. The switch used is reed switch hermetically sealed and encapsulated in the stem. Because the switches operate on the principle of magnetic-flux coupling with no mechanical connection, fluid contamination of Switch components cannot occur.

Typical applications of these types are automatic vending machine, photocopies, small collection tanks, miniature pumping stations, pilot plants and similar small system applications.

Materials of Construction :-

Switch Data - Hermetically sealed magnetically operated reed switch with Rhodium contact completely isolated from medium. SPST contacts having current rating 25 W.

Factory set level accuracy within 2mm. Differential 5mm std. Repeatability better than ± 0.5 mm. No maintenance required.

Process Connection :-

SS flange 75mm OD, 60MM PCD with 47 bolt holes of 6mm Φ is std.

SS-316 stem of desired length with PP float of 40mm dia. x 30mm long.

Suitable up to 2 kg/cm² working pressure and temp. of 80°C. For boiler & other heavy duty applications, other std. models with weather-proof / flame-proof construction are also available at short notice.