

FT60 – Downhole Submersible Level Sensor

Downhole submersible sensors are ideal for environments where liquid level measurements need to be made over large distances, such as down wells or in wastewater applications with depths greater than 10 feet. With a slim diameter, downhole submersible liquid level sensors can fit into small spaces. Additionally, the polyurethane-sheathed lead wire output from the pressure transducer device can be submersed in the liquid – a necessity for deep liquid measurements.

FT60

Available in pump up or pump down configurations, these float switches are fully customizable.

FT60-0420 - FT Transducer with 4-20mA out put, 25', 50', or 100' Cable

Part Number	Switch Type	Max Switching Current	Max Switching Voltage	Max Temp	Max Pressure
FT60-0420	Submersible	4-20 mA	10-35 VDC	60° C	300 PSI

Standard Features:

- 25', 50', and 100' Cable options
- Optional temperature measurement capability



The Submersible Hydrostatic Level Sensor is ideal for harsh environments like tanks, the sensor sits at the bottom of a tank or vessel with a long lead line. Based on the pressure exerted on it by the liquid medium above, the weight as well as volume can be determined. Along with the total vessel capacity, this can be used to calculate internal liquid levels. Down hole Submersible Level Sensors are also capable of continuous level sensing, and capable of environmental applications like ultrasonic sensors.

With liquid density remaining constant, changes in the pressure necessarily reflect a difference in liquid level. Submersible level sensors consist of a sensor attached to a long cable, which is then lowered to the bottom of the liquid vessel. The compact, sophisticated nature of the sensor unit, along with the possibility of cable lengths up to 2,500 feet in special situations, makes submersible level sensors particularly versatile.

