The Model FCLS Flush Capacitance Level Switch is ideal for level measurement of liquids and bulk solids to trigger an alarm or close a filler inlet. No probe design allows for installation where space is constrained or where material flow or material build up would damage a probe. With no moving parts, this level switch assures no jams, no wear, nothing to break, and no maintenance. Comes standard with IP65 housing with a maximum pressure limit of 285 psi (19.7 bar).

Model FCLS-01, Flush Capacitance Level Switch

SPECIFICATIONS
Service: Liquids, powder, and bulk materials compatible with wetted materials.
Wetted Materials: 304 SS.
Insulated Materials: PTFE.
Temperature Limits:
   Ambient: -4 to 140°F (-20 to 60°C);
   Process: -4 to 176°F (-20 to 80°C).
Pressure Limit: 285 psi (19.7 bar).
Enclosure Rating: IP65.
Switch Type: SPDT.
Electrical Rating: 3 A @ 250 VAC.
Electrical Connections: Screw terminals.
Conduit Connection: 2 x 1/2˝ female NPT.
Power Requirements: 110 or 220 VAC.
Power Consumption: 2 W.
Process Connection: 2.5˝ - x 5 kg/cm² JIS flange.
Mounting Orientation: Side mount.
Fail Safe: Selectable fail high or fail low.
Adjustable Sensitivity: 1 to 20 pF.
Time Delay: 0 to 6 seconds.
Weight: 7.1 lb (3.2 kg).