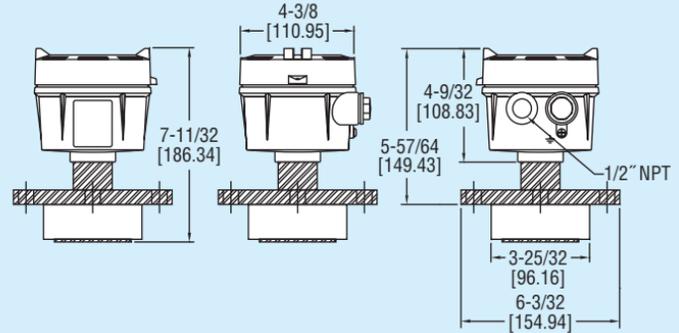




Model
FCLS

Flush Capacitance Level Switch

Maintenance Free, Flush Mounting



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).

Power Requirements: 110 or 220 VAC.

Power Consumption: 2 W.

Enclosure: Aluminum, painted.

Enclosure Rating: IP65.

Switch Type: SPDT.

Electrical Rating: 3 A @ 250 VAC.

Electrical Connections: Screw terminals.

Conduit Connection: 2 x 1/2" female NPT.

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 s.

Weight: 7.1 lb (3.2 kg).