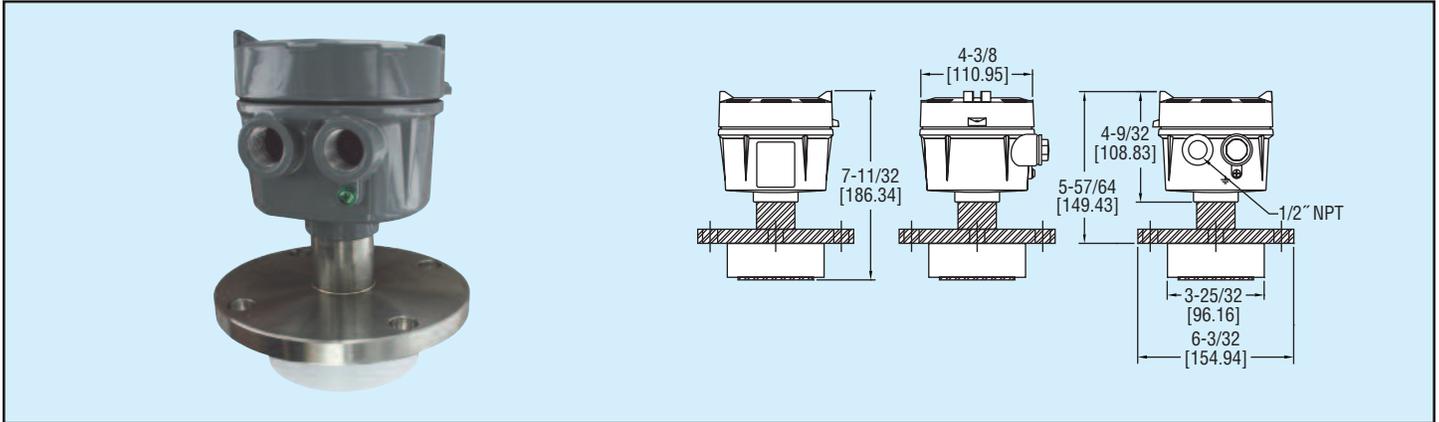




Model
FCLS

Flush Capacitance Level Switch

Maintenance Free, Economical, 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).

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).