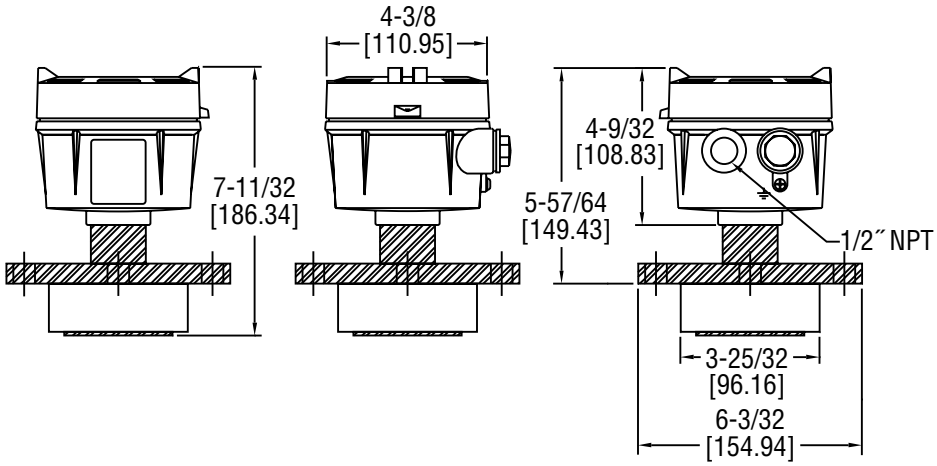
Model FCLS

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	UPE
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	100 to 240 VAC
Power Consumption	2 W
Enclosure	Aluminum, painted
Enclosure Rating	IP65

Switch Type	SPDT
Electrical Rating	5A @ 250 VAC
Electrical Connections	Screw terminals
Conduit Connection	2 x 1/2" female NPT
Process Connection	2.5" - x 5 kg/cm^2 JIS flange
Mounting Orientation	Side mount
Fail Safe	Selectable fail high or fail low
Adjustable Sensitivity	10pF
Time Delay	0 to 6 seconds
Weight	7.1 lb (3.2 kg)

Issue no: DS-FCLS v1 1126

DWYEROMEGA™
Improving the world, one measurement at a time.™