



Dwyer L8 FLOTECT Liquid Level Switch Installation Guide

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Dwyer L8 FLOTECT Liquid Level Switch



The Model L8 Flotect® Liquid Level Switches are float switches constructed of polyphenylene sulfide, Ceramic 8 and 316 SS. This liquid level switch provides accurate set point control of liquids with specific gravities as low as 0.6.

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DIMENSIONS



- Excellent chemical resistance with float constructed from durable polyphenylene sulfide and leak-proof body
- Longer life and decreased maintenance costs with liquid level snap switch, which is magnetically actuated with no direct mechanical linkage to leak or fail
- Quick and easy installation by simple placement of the unit in a horizontal position with the index arrow pointing down.
- Suitable for mounting in a protected environment with UL recognition as an industrial motor controller per UL standard 508

APPLICATIONS

- Environmental control
- Waste water
- Scrubber systems
- Holding tanks
- Cooling towers
- Chemical/petroleum processing
- Plating and washing tanks
- Sewage treatment
- Car washes
- Remediation systems
- Thermal storage systems
- HVAC and building automation systems

SPECIFICATIONS

Service: Compatible liquids.

Wetted Materials: Float and body: Polyphenylene sulfide (PPS); Pin and spring: 316 SS or Inconel®; Magnet: Ceramic 8.

Temperature Limit: 212°F (100°C).

Pressure Limit: 150 psig (10.34 bar).

Enclosure Rating: General purpose. WP/WP2 option is weatherproof.

Switch Type: SPDT snap switch. MV option is a SPDT gold contact snap switch.

Electrical Rating: 5 A @ 125/250 VAC, 5 A resistive, 3 A inductive @ 30 VDC. MV option: 1 A @ 125 VAC, 1 A resistive, 0.5 A inductive @ 30 VDC.

Electrical Connections: 18 AWG, 18" (460 mm) long.

Conduit Connection: 1/2" male NPT, 1/2" female NPT on WP and WP2.

Process Connection: 1" male NPT.

Mounting Orientation: Horizontal with index arrow pointing down.

Weight: 5 oz (0.142 kg).

Specific Gravity: 0.6 minimum.

Compliance: CE, cURus.

MODEL CHART	
Model	Description
L8	Level switch

OPTIONS	
To order add suffix	Description
-INC	Inconel® alloy. Inconel® alloy replaces standard 316 S S wetted parts. Wetted parts are Inconel® alloy, ceramic 8, and polyphenylene sulfide
-MV	Gold plated contacts for dry circuits. Rated 1 A @ 125 VAC; 1 A resistive, 0.5 A inductive @ 30 VDC
-WP	Weatherproof enclosure. Optional housing is phenylpolioxide and provides weatherproof protection for electrical wiring (not UL approved)
-WP2 -WP2	Weatherproof enclosure. Optional housing is aluminum and provides weatherproof protection for electrical wiring (not UL approved)
Example: L8-INC	

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L8 FLOTECT Liquid Level Switch, L8, FLOTECT Liquid Level Switch, Liquid Level Switch, Level Switch

References

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