

LEVEL CONTROLLER - SPECIFICATIONS

GENERAL

The level controller automates liquid level control by automatically regulating the level between float switches. If the upper float switch is reached then an alarm sounds and the pump can shut off.

OVERALL

Weight (enclosure) 900 g

COMPONENTS

Electronics

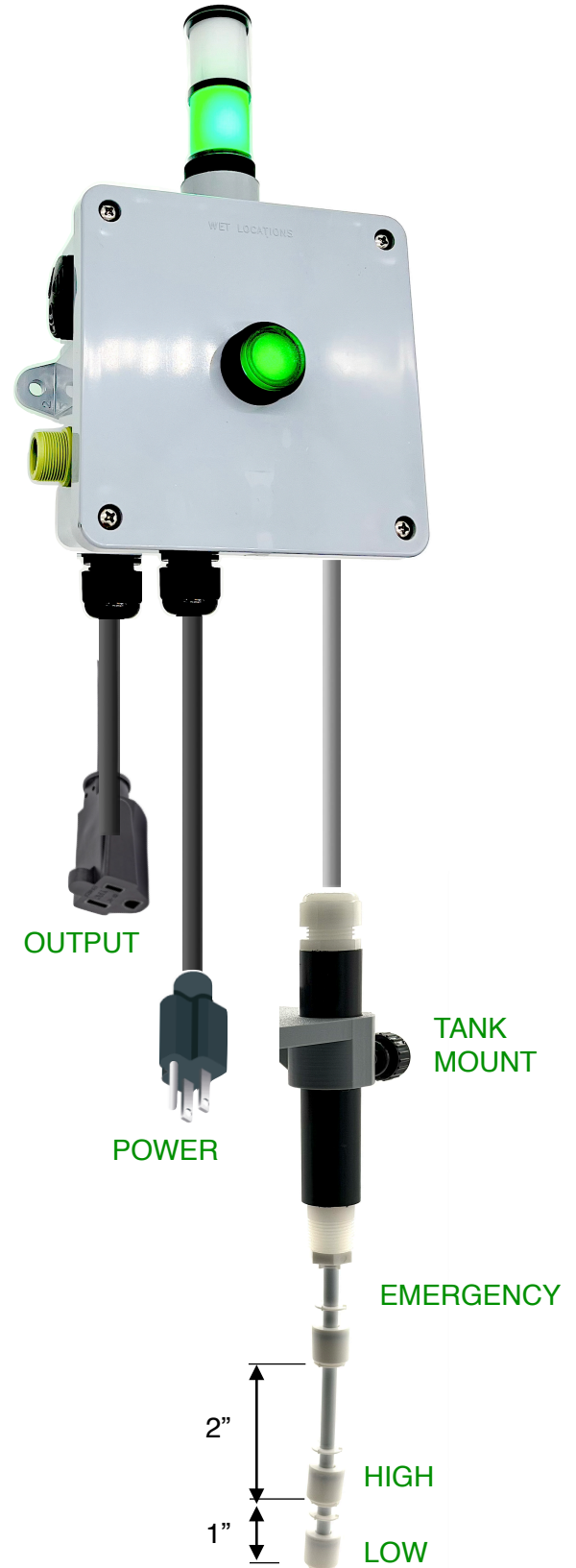
Current consumption max.	30 mA (during alarm)
Idle Current	10 mA
Relay carry current	15A
Fuse	through hole
Cable to sensor	PVC jacket, 4C/24

Enclosure

Material:	ABS
Gasket	PVC elastomer
Ingress Protection	IP65
Pushbutton bezel	Anodized aluminum
Buzzer diaphragm	316 SS
Buzzer housing	PPE
Stack light	acrylic
Cord grips	Polyamide
Screws	316 stainless steel

Float Switch

Material:	Polypropylene
S.G.	0.85
Float guard	polypropylene (included)
Probe	polypropylene
Cable gland	PVDF

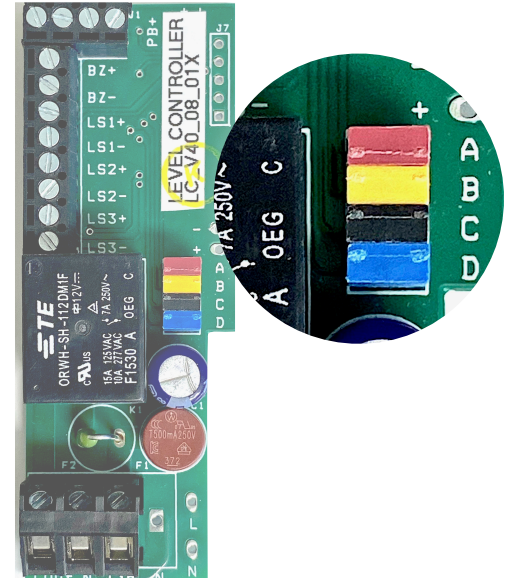


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BEHAVIOR

The Level Controller can switch from tank-filling to tank emptying by changing jumper C as in the chart below. Also, the “snooze alarm” can be disabled by removing jumper B.

JUMPER	ON PINS (DEFAULT)	OFF PINS
A	NOT USED	
B	SNOOZE ALARM	DISABLED
C	TANK FILLING	TANK EMPTYING
D	BUZZER CONTINUOUS	BUZZER 4s EVERY 10 MINS



NOTES

The LC3-PF is a made-to-order product and so the float switch may be mounted in two pipes depending on the depths required for the application.



TWO PIPES