



AGROWtEK SXL-D-RX1 Drain Control System with Outlet Relay Instruction Manual

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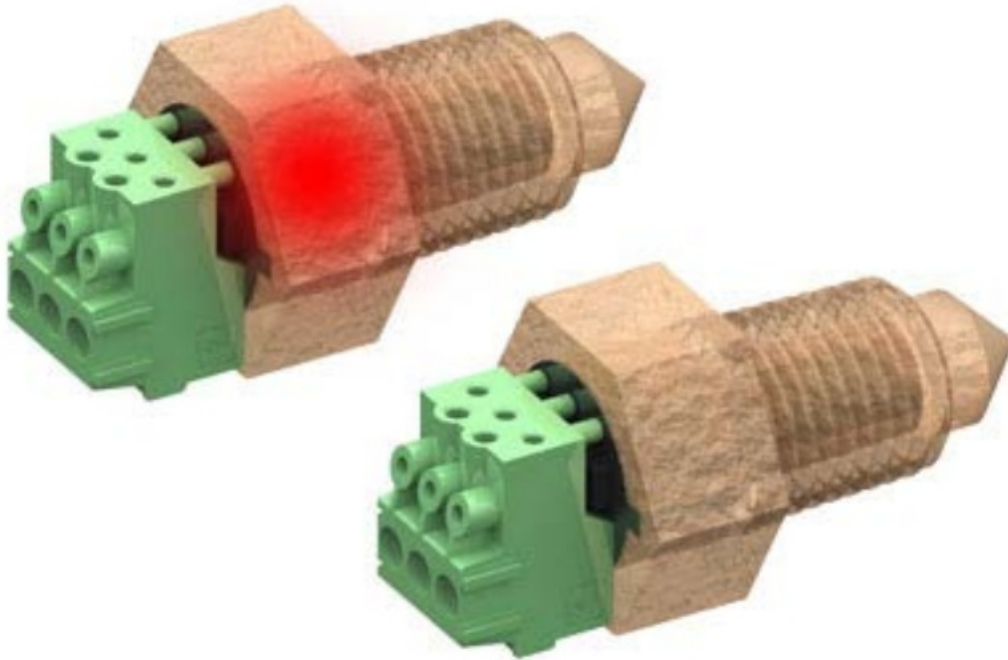


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Drain Control | High – Low Sensing

Electronic optical “liquid level control system” includes two liquid sensors for high and low drain control of water with a RX1 outlet relay. Simply install the sensors and wire the kit according to the instructions below. The system automatically drains the tank by turning the outlet. No other control system is required.



How It Works

The high-level sensor turns on the outlet to operate until liquid drains below the low-level sensor.

Installation

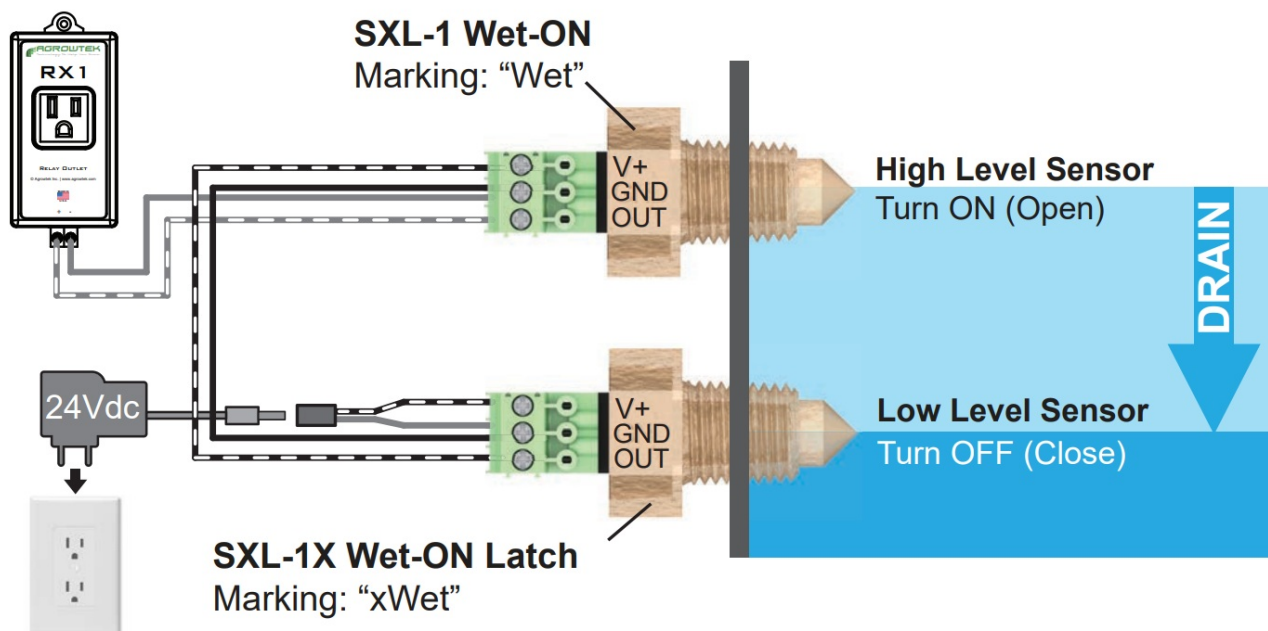
1. Mark the tank wall at the desired high and low points.
2. Thick Wall: Drill 7/16" holes and tap with a 1/4 NPT tap. Thread sensor in hole. Thin Wall (3/16" & under): Drill a 17/32" hole, place o-ring on sensor & nut inside tank.
3. Tighten sensor and check for leaks. Use Teflon tape for tapped holes.
4. Make electrical connections according to the diagrams below.

WARNING: DO NOT USE these products as safety or emergency stop devices or in any other application where failure of the product could result in personal injury. Failure to comply with these instructions could result in death or serious injury.

Wiring Diagram

NOTES:

1. Check sensor type marking through hex head.
2. Use o-ring & nut in thin, flat-wall tanks. Locate o-ring between sensor hex head and outside tank wall.
3. Customer must provide two-conductor wire cable (minimum 22AWG) to connect valve to sensors.



Sensor/LED Status

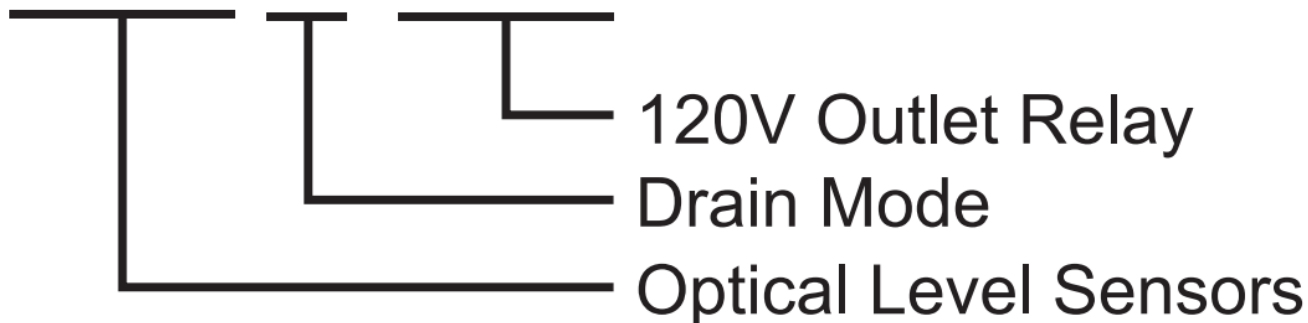
Status	Empty	Mid-Level	High	Draining
High Sensor	Sensor OFF, LED OFF	Sensor OFF, LED Flash /10sec	Sensor ON, LED ON	Sensor ON, LED ON Flash OFF/10sec
Low Sensor	Sensor OFF, LED Flash/10sec	Sensor ON, LED ON	Sensor ON, LED ON	Sensor ON, LED ON

Specifications

Voltage Input	5-24Vdc
Output Current:	Max 1A (sourcing)
Current Consumption:	20mA per sensor
Mounting Thread:	1/4" NPT
Hex Size:	3/4" (19mm)
Body Material:	Polysulphone
Temperature Range:	-20 to 80°C (non-freezing)
Wire Gauge:	26 – 16 AWG

Kits

SXL-D-RX1



Individual Sensors

SXL - 1

1: Low Drain Sensor

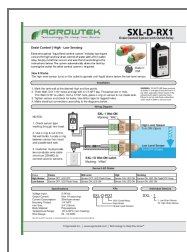
1B: High Drain Sensor

Customer Support

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Documents / Resources



[AGROWTEK SXL-D-RX1 Drain Control System with Outlet Relay](#) [pdf] Instruction Manual
SXL-D-RX1 Drain Control System with Outlet Relay, SXL-D-RX1, Drain Control System with Out
let Relay, Control System with Outlet Relay, Outlet Relay

References

-  [**Agrowtek Inc. :: Grow Controls for Greenhouses, Hydroponics & Indoor Growing**](#)
- [**User Manual**](#)

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