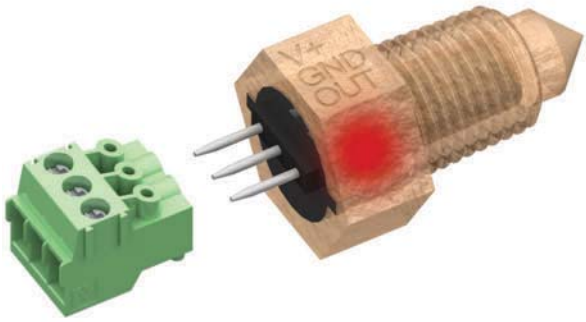
AGROWTEK
Technology to Help You Grow

SXL
Optical Liquid Level Sensor

Compact | Rugged | Economical | Advanced

Electronic optical liquid sensors are durable, have no moving parts and are easy to maintain. SXL sensors can detect fluid levels in tanks, flow in pipes, or leaks in drip pans when liquid touches the sensor tip. Wide voltage range and high current capacity makes the SXL sensor practical for TTL logic, industrial PLC or direct relay control applications. 1/4" NPT threading and removable wiring terminal block with pin-out cast into the hex head makes installation or replacement fast and simple. When the output is energized a red LED illuminates the sensor body giving a visual status indication. Available in 'wet-on' and 'dry-on' configurations, or PWM output for applications requiring error indication and failure monitoring. Other intelligent functions include "stable state" switching to detect splashing, two-second output debounce and error indication. LED flashes if sensor is disabled from infrared flooding or if terminal block is installed backwards.



Made in USA

Industrial 5-24V Compatible

Status LED Illuminates Body

Intelligent Features

1-Year Warranty

Applications

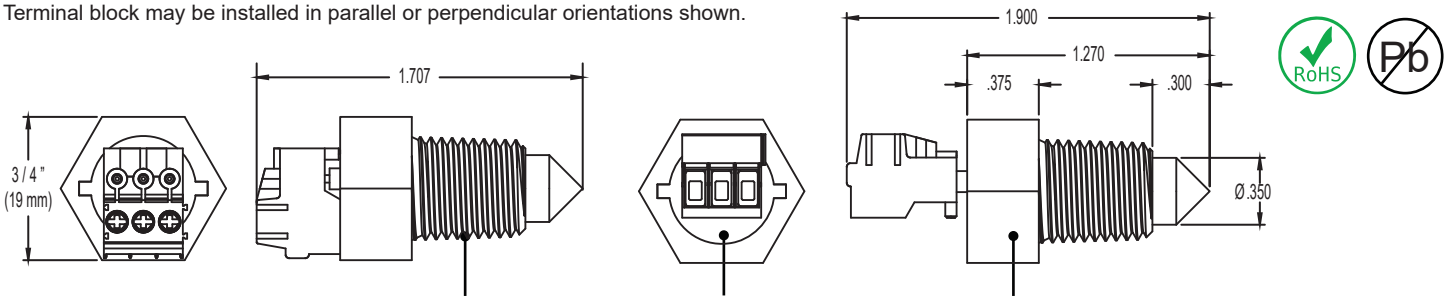
- Water Tanks
- Coolant Reservoirs
- Hydraulic Fluid Reservoirs
- Warewash Equipment
- Irrigation Systems
- High & Low Level Detection
- Leak & Overflow Detection
- Flow Detection in Pipes
- Automatic Fill/Drain Level Control

Specifications

Voltage Input:	5-24Vdc
Current Consumption:	20mA
Output Current:	Max 1A (sourcing)
Mounting Thread:	1/4" NPT
Hex Size:	3/4" (19mm)
Body Material:	Polysulphone (alternates available)
Temperature Range:	-20 to 80°C (non-freezing)
Maximum Pressure:	125psi
Wire Gauge:	26 - 16 AWG

Dimensions

Terminal block may be installed in parallel or perpendicular orientations shown.



1/4" NPT THREAD | EPOXY POTTING | 3/4" (19mm) HEX HEAD

Inches

Ordering Options

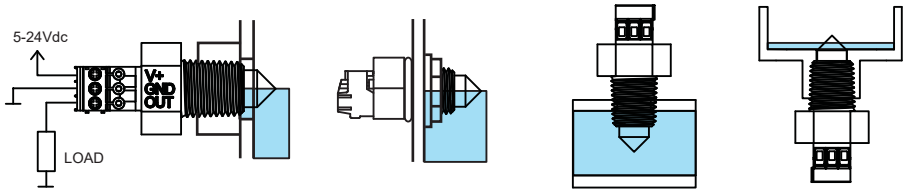
SXL - 1

- 1: Wet ON
- 2: Dry ON
- 3: PWM
- 1X: Wet ON, Latching
- 2X: Dry ON, Latching

Includes EDPM O-Ring & Nylon Nut

Typical Installation

Can be installed in any orientation. Do not locate near sources of IR light.



NPT TAPPED HOLE OR BUNG | THIN-WALL O-RING & NUT | TAPPED PIPE | DRIP PAN BOTTOM MOUNT