

System 360 Level Guard™ – Coolant Monitoring & Engine Protection System

Prevent engine damage before it starts

System 360 Level Guard™ is a rugged, solid-state coolant level monitoring system designed to detect low fluid levels and alert operators before overheating occurs. More than just a sensor, it functions as a complete engine protection system coolant solution – delivering early warnings that prevent catastrophic engine failure.

This is an early detection engine overheating warning device built for real-world conditions where reliability matters most.

Stop overheating before it happens.

Key Features & Performance

- Solid-state electronics – no moving parts, long-life reliability
- Stainless steel probe for accurate coolant loss detection system performance
- Built-in anti-slosh delay to eliminate false alerts
- High-resistance probe design prevents nuisance triggering
- Safe failure mode protects system integrity
- Compact, OEM-ready control module
- Compatible with coolant sensor with alarm integrations (visual + audible)

Applications & Protection

Level Guard™ acts as a proactive low coolant warning system, helping operators respond before damage occurs. It is ideal for any vehicle engine safety system requiring dependable monitoring in harsh environments.

- Heavy-duty trucks and fleet vehicle coolant monitoring
- Agricultural, construction, and industrial equipment
- Marine systems and off-highway machinery
- Protection against overheating, radiator failure, coolant loss, head gasket damage, and engine seizure
- A small coolant issue can turn into a major failure – unless you catch it early.

A \$50 problem becomes a \$10,000 failure – unless you catch it early.

Technical Overview

Using a stainless steel probe and solid-state logic module, Level Guard™ continuously monitors coolant levels and activates a warning when levels drop below safe thresholds. It operates as a real time coolant monitoring system, ensuring immediate operator awareness.

- Voltage: 12V (other options available)
- Probe resistance: >50,000 ohms (dry condition)
- Temperature range: ~40°F to 275°F
- Coolant compatibility: water / glycol mixtures (0–100%)

- Mounting: radiator or reservoir
- Delay: adjustable anti-slosh timing

System Integration (Complete Protection Stack)

Level Guard™ is designed to integrate seamlessly into a full preventative maintenance engine monitoring system:

- Level Guard™ → detects coolant issues
- Voltron® → monitors electrical system voltage
- BARK® II → provides audible alerts
- Buzz-Lite™ → delivers audio + visual warnings

Together, they create a complete vehicle engine safety system – combining detection, alerting, and protection into one cohesive solution.

Level Guard™ Still Delivering

As systems grow more complex, Level Guard™ keeps protection simple. It delivers instant response with no software, no calibration, and no dependency on the ECU – a proven rugged coolant monitoring system trusted across decades of use.

Part Number

- 1100100
- 1100500

Model 360L – Coolant Monitoring System

The Model 360L is a dependable radiator level sensor system built for heavy-duty applications where vibration, sloshing, and harsh conditions are common.

Key Capabilities

Solid-state logic module Stainless steel probe Anti-slosh delay circuit Warning light output Optional audible alarm integration Ideal for fleets and equipment requiring consistent, long-term industrial engine protection system performance.

While modern systems get more complex, Level Guard™ keeps protection simple and dependable.

SYSTEM STACK

- Level Guard™ → detects coolant issue
- Voltron® → detects electrical issues
- BARK® → audible warning
- Buzz-Lite™ → audio + visual alert

Connect With Our Team

Protect your equipment with a proven overheating prevention system engine solution. Integrate System 360 Level Guard™ and stop engine damage before it starts.