



## Universal Fluid Level Sensor

**Single design is compatible with multiple OEM Engine control module interfaces.**

The **CASCO** AC Fluid Level Sensor is engineered to detect the presence of conductive fluids such as engine coolants. Alternating current is applied to the sensor probes to improve reliability. Conventional conductivity-based DC fluid level sensors experience reduced operating life due to probe degradation via electrolysis - the decomposition of a metal by electrochemical processes. Such electrolysis is eliminated by the unique AC switching of Casco's Fluid Level Sensor design.

### Additional Advantages:

- Applications: heavy truck, passenger vehicle, construction, marine, industrial
- Compatible with Ethylene Glycol and Extended Life Coolants
- Discrete outputs reduce interface development time
- Standard 1/4-18 NPT mounting thread size
- Can be mounted in any orientation in plastic or metal reservoirs



Output	0.95 - 1.45 VDC In Fluid 3.75 - 4.25 VDC In Air
Input Power	4.75 - 5.25 VDC; max 12.5mA
3-Pin Connector Pinout	Pin A = Input Power Pin B = Output Pin C = Ground
Mating Connector	Packard Electric 12110293
Device Protections	Over Voltage, Reverse Voltage, ESD
Operating Temperature	-40 to 125° C
Max Operating Pressure	20 PSI
Installation Thread Size	1/4 - 18 NPT
Installation Torque	4.5 - 6 Ft. Lbs.

