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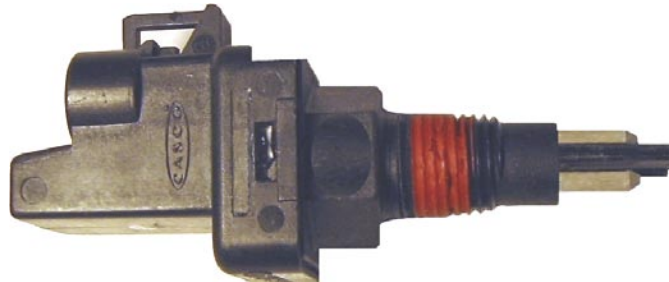


## Fluid Level Sensor

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.

### Advantages:

- ☞ 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	1.2 +/- 0.25 VDC IN FLUID 4.2 +/- 0.25 VDC IN AIR
Input Power	9 - 16 VDC; max 20mA
3-Pin Connector Pinout	Pin A = Input Power Pin B = Output Pin C = Ground
Mating Connector	Packard Electric 12110293
Device Protections	+/-24 VDC, ESD
Operating Temp	-40 to 125 C
Max Operating Pressure	20 PSI
Installation Threads Size	1/4 - 18 NPT
Installation Torque	4.5 - 6 Ft. Lbs.



Casco Products Corporation is a global Tier One electronics supplier with facilities in the US, Brazil, Canada, China, Germany, Italy and Tunisia.  
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