

Coolant Level Capacitance Switch

P/N S287/213 1/4" NPTF

The **S287/213 1/4" NPTF** is a capacitance coolant level switch designed to give a ground signal (sinking), if the coolant level falls below the switch probe, when mounted in a radiator top tank or in coolant overflow tank. It has a five (5) second delay to eliminate false alarms due to turbulent coolant flow or start-up. It is designed to operate in both grounded metal and isolated metal or plastic tank without additional ground wires or having a ground connection. It has no moving parts and it doesn't require any other controls or modules. It is a perfect sensor for low coolant alarms & shutdowns.

It is ideally mounted horizontally at the point where an alarm or control signal is required.

However, the switch can be mounted vertically as wanted.

Ingress: IP67 Rated

Temperature Range: -140° - 257°F

Probe: PTFE

Working Voltage: 9 - 36 Vdc

Supply Current: 7mA

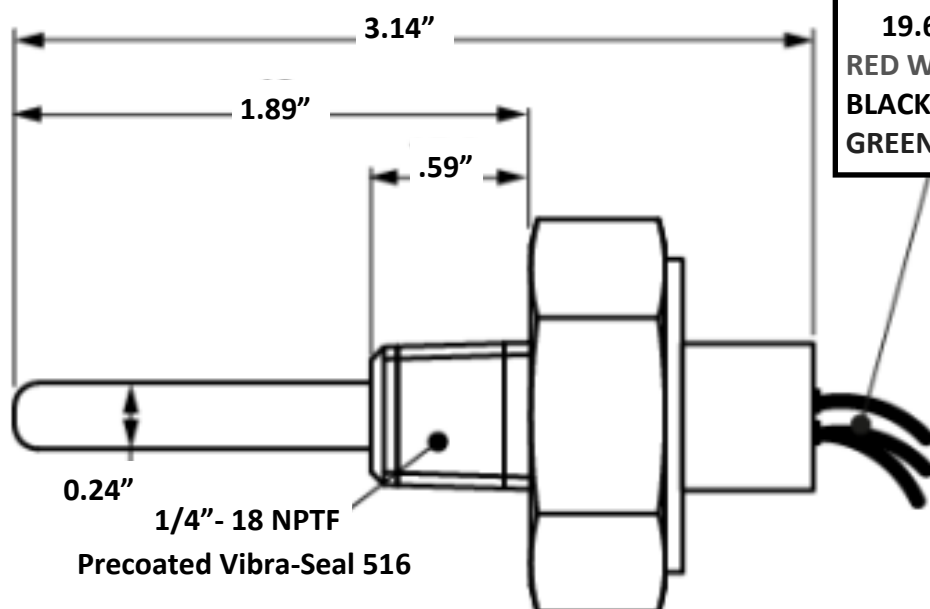
Maximum Pressure: 72 PSI

Precoated Thread Sealant: Vibra-Seal 516

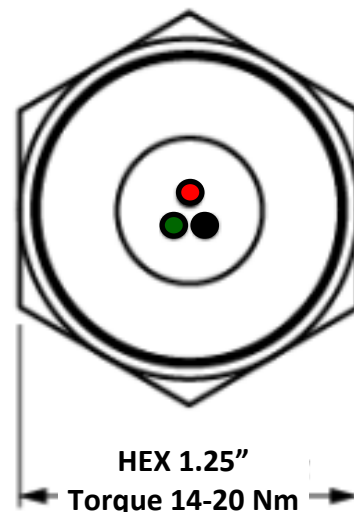
Body: Brass

Switch Delay: 5 Seconds on Falling Coolant

Maximum Load Current: 1.0A



19.6" LONG 18 AWG LEAD WIRES
RED Wire - Battery Positive
BLACK Wire - Battery Negative
GREEN Wire - Signal NO, close to Ground



Normally Open Contact (Green wire) with a 5 second delay



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