

S287-03 Coolant Level Switch



a Rochester Gauges Company

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Rev. 1

The S287 is an active device designed to give an alarm signal if liquid falls below, or rises above, a preset level. It can be specified with a delay to eliminate false alarms due to turbulence and the flying lead enables customers to specify a suitable connector of their choice.

Containing a factory programmable microprocessor, the switch offers sink to ground or source voltage output.

The switch is designed to operate in both earthed metal and isolated plastic tanks. For high accuracy the S287 is ideally mounted horizontally at the point where an alarm or control signal is required.

Part S287-03

1/2" NPTF, PU 1 LIQ, SI 10 FA, SI AIR, DE3 Description

Prod. Group Coolant Level Switch

Technology Capacitance

Liquid Water based Coolant **Output Type** Sink (Open collector) 160mm harness + DT04-3P Connector

Thread 1/2" NPTF

Performance

Output Sink in Air Alarm Delay 10 s (Factory Set) in Liauid Power Up Switch Sense Level Falling

Materials

Body **Brass** Probe **PTFE**

Brass, Nickel Plated **Terminals** Seals EDPM, FVMQ

30% Glass Filled Nylon Connector GXL type cable 18 AWG Flying leads cables

Thread Seal Vibra-Seal 516

Ratings

Sealing IP67 Pressure 5 Bar (max) Drop 1M to concrete Vibration 15.3 Grms Temperature -40 to +125 C ISO13766:2006 **EMC**



Supply Voltage 9-36 VDC

Supply Current 7 mA + source output

Harness Information

Connector DT04-3P Output location Pin C +ve supply location Pin A -ve supply location Pin B



