

# S298-202 Coolant Level Switch



a Rochester Gauges Company

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Rev. 1

The S298 is an active device designed to give an alarm signal if liquid falls below, or rises above, a preset level. Containing a factory programmable microprocessor and an integral 3-pin Metripack 150 connector, this switch can be configured to provide most industry standard voltage outputs.

The switch is designed to operate in both earthed metal and isolated plastic tanks. For high accuracy the S298 is ideally mounted horizontally at the point where an alarm or control signal is required.

**Part** S298-202

**Description** 1/4" NPTF, PU1 LIQ, S 0 FA, B=1.2 LIQ 3.75 AIR

**Prod. Group** Coolant Level Switch

**Technology** Capacitance

**Liquid** Water based Coolant

Output Type Voltage
Connector M/P 150-3P
Thread 1/4" NPTF

## Performance

Output Voltage

Alarm Delay 0 s (Factory Set)
Power Up in Liquid (1s delay)
Switch Sense Level Falling

Voltage (B) in Liq 1.2V Voltage (B) in Air 3.75V

### **Materials**

Body Brass Probe PTFE

Terminals Brass, Tin Plated Seals EDPM, FVMQ

Connector 30% Glass Filled Nylon

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
EMC ISO13766:2006

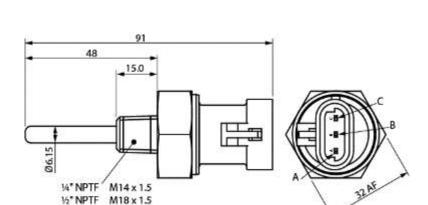
#### **Electricals**

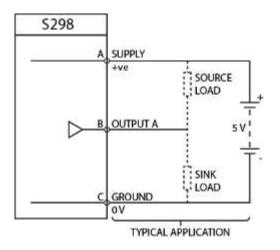
Supply Voltage 5 VDC

Supply Current 5 mA + source output

#### **Harness Information**

Connector M/P 150-3P
Output location Pin B
+ve supply location Pin A
Ground Pin C





Others on request

34" NPTF

1/2" BSPP

1/2" BSPT

