

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 TypeVoltageConnectorM/P 150-3PThread1/4" 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

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

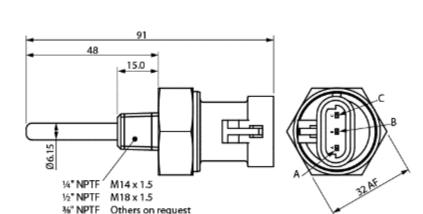
Electricals

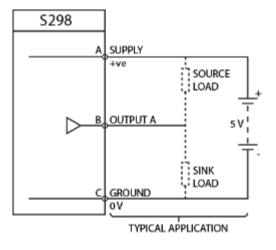
Supply Voltage 5 VDC

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





1/2" BSPP

1/2" BSPT



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