

S285-05 Coolant Level Switch



a Rochester Gauges Company

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The S285 capacitance type coolant level switch 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. 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

S285 is ideally mounted horizontally at the point where an alarm or control signal is required.

Part \$285-05

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

Prod. Group Coolant Level Switch

Technology Capacitance

LiquidWater based CoolantOutput TypeSink (Open collector)ConnectorMetri-pack 150 - 4 Pins

Thread 1/2" NPTF

Performance

Output Sink in Air
Alarm Delay 10 s (Factory Set)

Power Up in Liquid Switch Sense Level Falling

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

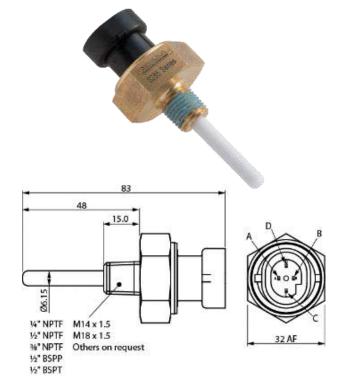
Electricals

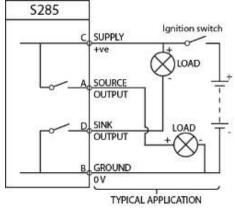
Supply Voltage 9-36 VDC

Supply Current 7 mA + source output

Harness Information

Connector M/P 150-4P
Source Output Pin A
Sink Output Pin D
+ve supply location Pin C
Ground Pin B





NOTE: IF SINK ONLY OUTPUT IS REQUIRED THEN PIN A IS NOT USED.



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