

S298-202 Coolant Level Switch

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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

