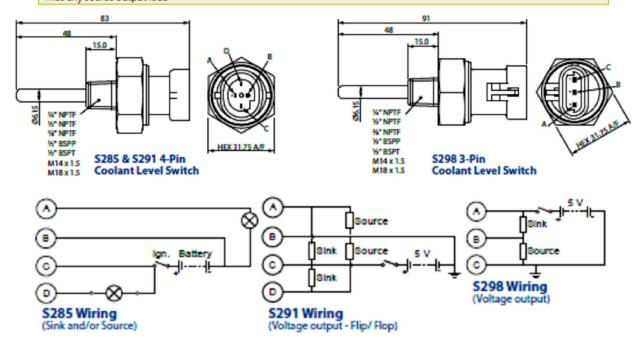
## **Coolant Level Sensors**

Switch Series	5285	S287	5291		5298
Liquid type	Coolant				
Connector	4 Pin Metripack 150	18 AWG flying leads for any suitable con- nector	4 Pin Metripack 150		3 Pin Metripack 150
Power Supply	9-36 VDC, 7 mA+	9-36 VDC, 7 mA*	5±0.25 VD	C, 5 mA+	5±0.25 VDC, 5 mA+
Thread sizes	¼" NPTF, ½" NPTF %" NPTF, ½" BSPP, ½" BSPT, M14 x 1.5, M18 x 1.5				
Materials	Brass body, PTFE probe, PA66 GF30 connector, EPDM & FVMQ O Rings				
Temperature	-40 to 125 ℃				
Ingress	IP67				
Vibration	15.3 Grms Random Vibration				
Drop	1 m to concrete surface				
Power up delay	Factory set, 0 to 10 seconds				
Power up state	Factory set, 'In Liquid' or 'Out Liquid'				
Switch delay	Factory set, 0 to 10 seconds, delay on rising or falling level				
Output type	Sink (open collector) and/or Source (supply voltage)		Voltage (Flip/Flop)		Voltage
Output pin	Pin D (sink) or Pin A (source)		Pin A	Pin D	Pin B
Output state in coolant	Closed (sink), On (source)*		4±0.25 VDC*	0.5±0.25 VDC*	1.25±0.25 VDC*
Output state in air	Open (sink), Off (source)*		0.5±0.25 VDC*	4±0.25 VDC*	3.75±0.25 VDC*
Output current	1 A (sink) or 20 mA (v	10 mA	10 mA	10 mA	
Typical state. Opposite s Plus any source output l		Typical sign	nal levels. Valu	ues from 0.5-	4.5 VDC are possible





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