

Coolant Level Sensors

Switch Series	S285	S287	S291	S298
Liquid type	Coolant			
Connector	4 Pin Metripack 150 	18 AWG flying leads for any suitable connector	4 Pin Metripack 150 	3 Pin Metripack 150 
Power Supply	9-36 VDC, 7 mA [†]	9-36 VDC, 7 mA [†]	5±0.25 VDC, 5 mA [†]	5±0.25 VDC, 5 mA [†]
Thread sizes	¼" NPTF, ½" NPTF, ¾" 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 °C			
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)	
Output pin	Pin D (sink) or Pin A (source)		Pin A	Pin D
Output state in coolant	Closed (sink), On (source) [*]		4±0.25 VDC [‡]	0.5±0.25 VDC [‡]
Output state in air	Open (sink), Off (source) [*]		0.5±0.25 VDC [‡]	4±0.25 VDC [‡]
Output current	1 A (sink) or 20 mA (voltage) [*]		10 mA	10 mA
[*] Typical state. Opposite states are possible		[‡] Typical signal levels. Values from 0.5-4.5 VDC are possible		
[†] Plus any source output load				

