

# LIQUID LEVEL SENSORS

Our full range of liquid level sensors help address critical requirements for the construction, off-road, and automotive industries. TE solutions include sensors for measuring power steering fluid, coolant, windscreen wash, fuel and oil. Our pride is our experience in serving the heavy duty vehicle markets: truck and bus, emergency, military, recreational, luxury and coach. We also offer level sensors for storage and collection tanks, vending machines, showers for the disabled, heat exchangers, washing machines, central heating systems and boilers. To meet the unique requirements of the food and beverage industry, TE offers a range of standard cost-effective products. We also provide thousands of sensors annually to marine engine manufacturers.



## LIQUID LEVEL SENSORS

High or Low Level Sensing

	<b>LS304-31</b>	<b>LS304-51N</b>	<b>LS309-31</b>	<b>LS309-51N</b>	<b>LS504-31</b>	<b>LS504-51</b>
<b>Package</b>	Glass filled nylon 6.6	Glass filled nylon 6.6	Glass filled nylon 6.6	Glass filled nylon 6.6	Glass filled PPS	Glass filled PPS
<b>Type</b>	Level sensor	Level sensor	Level sensor	Level sensor	Level sensor	Level sensor
<b>Unique Features</b>	SPDT reed switch	SPDT reed switch	SPST reed switch	SPST reed switch	SPDT reed switch	SPDT reed switch
<b>Max. Pressure</b>	2.0 bar	4.7 bar	2.0 bar	4.7 bar	2.0 bar	4.7 bar
<b>Operating Temp.</b>	-30°C to 130°C	-30°C to 130°C	-30°C to 130°C	-30°C to 130°C	-30°C to 110°C	-30°C to 110°C
<b>Dimensions (mm)</b>	103 x 29 x 29	88 x 27 x 27	103 x 29 x 29	88 x 27 x 27	103 x 29 x 29	88 x 27 x 27
<b>Typical Applications</b>	Chemical high or low level, diesel fuel, fuel low level, alcohols, low oil detection	Chemical high or low level, diesel fuel, fuel low level, alcohols, low oil detection	Chemical high or low level, diesel fuel, fuel low level, alcohols, low oil detection	Chemical high or low level, diesel fuel, fuel low level, alcohols, low oil detection	Coolant level indication, water high or low level, boiler heating element protection, drinking water level, boiling water	Coolant level indication, water high or low level, boiler heating element protection, drinking water level, boiling water
	<b>LS509-31</b>	<b>LS509-51</b>	<b>LS804-31</b>	<b>LS804-51</b>	<b>LS809-31</b>	<b>LS809-51</b>
<b>Package</b>	Glass filled PPS	Glass filled PPS	Glass filled polypropylene	Glass filled polypropylene	Glass filled polypropylene	Glass filled polypropylene
<b>Type</b>	Level sensor	Level sensor	Level sensor	Level sensor	Level sensor	Level sensor
<b>Unique Features</b>	SPST reed switch	SPST reed switch	SPDT reed switch	SPDT reed switch	SPST reed switch	SPST reed switch
<b>Max. Pressure</b>	2.0 bar	4.7 bar	2.0 bar	4.7 bar	2.0 bar	4.7 bar
<b>Operating Temp.</b>	-30°C to 110°C	-30°C to 110°C	-30°C to 105°C	-30°C to 105°C	-30°C to 105°C	-30°C to 105°C
<b>Dimensions (mm)</b>	103 x 29 x 29	88 x 27 x 27	103 x 29 x 29	88 x 27 x 27	103 x 29 x 29	88 x 27 x 27
<b>Typical Applications</b>	Coolant level indication, water high or low level, boiler heating element protection, drinking water level, boiling water	Coolant level indication, water high or low level, boiler heating element protection, drinking water level, boiling water	Continuous 80°C in water, water high or low level, condensate level alarm, drinking water level, cooling systems	Continuous 80°C in water, water high or low level, condensate level alarm, drinking water level, cooling systems	Continuous 80°C in water, water high or low level, condensate level alarm, drinking water level, cooling systems	Continuous 80°C in water, water high or low level, condensate level alarm, drinking water level, cooling systems