

Sample HTML table

No.	Phenomena	Reason	Solution
1	The distance value always shows 250mm	The object/surface is very close to the sensor and within the dead zone of the sensor.	Do nothing. This is the standard feature of the sensor. The sensor can only measure the distance from 280mm to 7500mm.
		The transducer is covered by a thick layer of dust or particles.	Clean the transducer surface with a soft detergent and clean water.
2	The distance value always shows distance last time or zero value	The object/surface is too far away from the sensor. The object/surface is out of the detection range of the sensor.	Make sure the measuring distance to be within the detection range of the sensor (280mm to 7500mm)
3	The distance/level value fluctuates largely.	The object's surface is not flat.	Try to increase the parameter Num_of_samples to increase the filtering so that the sensor can deliver a stable average value. But this will cause the battery life to be shorter.
4	The level value is not accurate with the actual level of liquid	The transducer is covered by a thin layer of dust or particles.	Clean the transducer surface with a soft detergent and clean water.
		The CONSTANT_A and CONSTANT_B settings are wrong.	Check the CONSTANT_A and CONSTANT_B settings again
5	The value of HW_Error field equals 1	The connection between the transducer and the main PCB are lost.	Open the sensor housing and check the internal wire and connector from the transducer to the wireless PCB.
		The transducer got a problem.	Contact the manufacturer for repair or replacement.

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