



Non-Intrusive Level Sensor



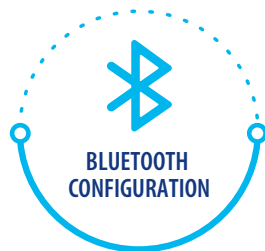
TL400

- Measures tanks with any geometry
- Digital filter for stirred liquids
- Level, volume or distance output
- Configuration and update via Bluetooth
- SAE 5 Bolt Hole

The **TL400** is a non-intrusive level sensor designed to deliver maximum accuracy and durability when measuring liquids, grains, fluids, and bulk solids.

Thanks to its advanced low-power laser technology, this device performs multiple measurements per second and converts them into level, volume, and distance information.

Its Bluetooth customization capability makes it a versatile solution for various tank types, including those with irregular shapes.



Technical Specifications

	TL400-I	TL400-V
Measurement Range	Up to 4.000 m	
Accuracy	Up to 2mm	
Tank Geometry	In addition to the standard formats, it allows to save up to 20 linearization points	
Output Signal	4 to 20 mA	0.5 to 4.5 V
Connector Type	150 mm cable with 4-pin male M12 connector	150 mm cable with 3-pin male Superseal connector
Communication Interface	Bluetooth	
Configuration Software	SigNow mobile	
Power Supply	8 to 33 Vdc Internal protection against reverse polarity	
Operating Temperature	-20 to 80 °C (-4 to 176 °F)	
Dimensions	Ø66 x 31 mm	
Housing	Polycarbonate with NBR gasket	
Mounting Pattern	SAE 5 Bolt Hole	
Protection Rating	IP68	
Certification	CE, UKCA and LASER CLASS 1	
Warranty	3-year	

For pricing or any further information, please contact Omni Instruments Ltd.