



Non-Intrusive Level Sensor



TL400-V

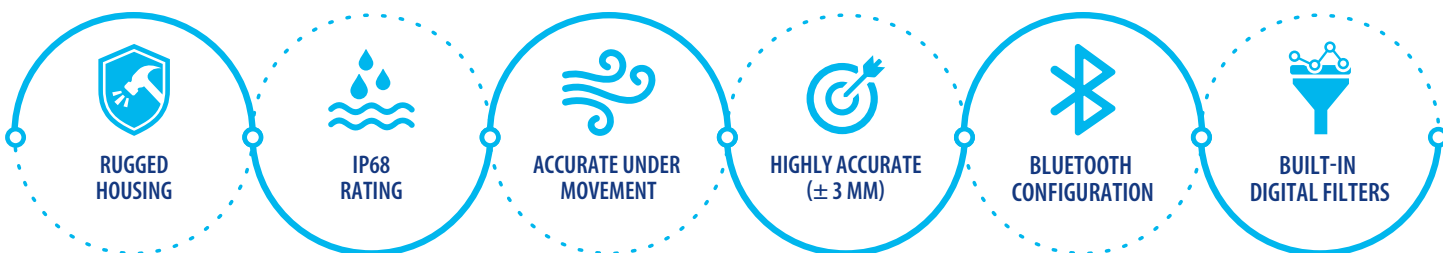
- IP68 Rugged housing
- Digital filter for stirred liquids
- Configuration and update via Bluetooth
- SAE 5 Bolt Hole

The **TL400-V** is an advanced level and volume sensor with a non-intrusive approach, making it well-suited to detect liquids, grains, fluids, and bulk solids in static and moving applications.

Employing a low-power laser beam, the device performs multiple measurements per second, and an advanced algorithm calculates the precise level and converts it to volume and distance in various units.

The device can be easily customized with a configurator app via Bluetooth, allowing users to save customized points and obtain accurate measurements even in irregular tanks.

Due to its superior performance and user-friendliness, this product is an excellent option for a range of mobile and static applications.



Technical Specifications

Measurement Range	Up to 4 m
Accuracy	± 3 mm
Sampling Rate	1 Hz
Tank Geometry	In addition to the standard formats, it allows to save up to 20 linearization points
Output Signal	0.5 to 4.5 V (other types upon request)
Connector Type	150 mm cable with SuperSeal male connector (other types upon request)
Communication Interface	Bluetooth
Configuration Software	SigNow mobile
Power Supply	8 to 33 Vdc Internal protection against reverse polarity

Consumption	< 70 mA @ 12 V or < 40 mA @ 24 V
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
Approvals	CE, UKCA and LASER CLASS 1
Warranty	3-year

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