



Non-Intrusive Level Sensor



TL400-I

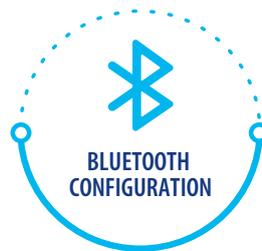
- Measures tanks with any geometry
- Level, volume or distance output
- Digital filter for stirred liquids
- Configuration and update via Bluetooth

The **TL400-I** 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.

Its superior performance and user-friendliness make it an excellent choice for various industrial 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	4 to 20 mA
Connector Type	150 mm cable with M12 4-pin male connector
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
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

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