



Non-Intrusive Laser Level Sensor



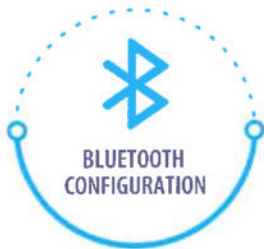
TL400-I

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

The **TL400-I** is a non-intrusive level and volume sensor that is ideal for detect liquids, grains, fluids and bulk solids in static or moving applications.

With a low-power laser beam, it performs several measurements per second while an advanced algorithm calculates not only the exact level, but also converts the volume to liters or other units.

It can be parameterized by a mobile app via Bluetooth. With this feature is possible to save customized points and get proper measurement even in irregular tanks.



Technical Specifications

Measurement Range	Up to 4 m
Accuracy	0.1 % up to 1 m or 1 % up to 4 m
Sampling Rate	1 Hz
Tank Geometry	In addition to the standard formats, it allows to save up to 20 linearization points
Output Signal	4 – 20 mA
Connector Type	150 mm cable with M12 4-pin male connector
Communication Interface	Bluetooth
Configuration Software	SigNow mobile

Power Supply	8 Vdc to 33 Vdc Internal protection against reverse polarity
Consumption	< 70 mA @ 12 Vdc or < 40 mA @ 24 Vdc
Dimensions	Ø66 x 31 mm
Housing	Polycarbonate with NBR gasket
Mounting Pattern	SAE 5 Bolt Hole
Protection Rating	IP68
Certification	CE, FCC, Anatel (13883-22-07089), UKCA and LASER CLASS 1
Warranty	3-year

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