



## Non-Intrusive Level Sensor

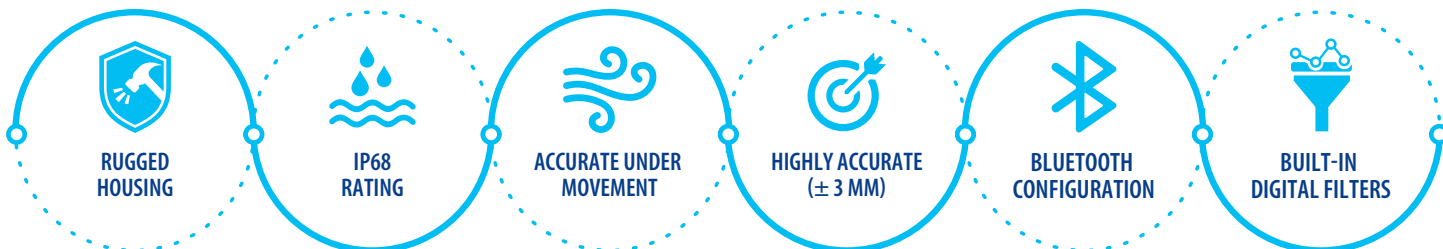


### TL400-V

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

The **TL400-V** is 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 convert to volume and distance in several units.

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



### Technical Specifications

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

<b>Consumption</b>	< 70 mA @ 12 V or < 40 mA @ 24 V
<b>Operating Temperature</b>	-20 to 80 °C (-4 to 176 °F)
<b>Dimensions</b>	Ø66 x 31 mm
<b>Housing</b>	Polycarbonate with NBR gasket
<b>Mounting Pattern</b>	SAE 5 Bolt Hole
<b>Protection Rating</b>	IP68
<b>Approvals</b>	CE, FCC, Anatel (13883-22-07089), UKCA and LASER CLASS 1
<b>Warranty</b>	3-year