



DensiBar® 510, makes it easy: -the optimal submersible sensor for high demanding customers.

The DensiBar® sensor is especially designed for continuous operation in rough environments. Two very sensitive ceramic sensor elements built into a stainless steel enclosure ensures the most precise level and density measurement in the industry.

TLG systems currently available in the market, have in common that they are all, more or less, affected by the fact that the density of the liquid vary. The suppliers try their best to get as close to “the truth” as possible by offering different, compensated floaters, temperature sensors, automatic recalibration etc. This helps getting closer, but is it close enough for you?

DensiBar® 510 is the first commercial gauge, not taking the density for granted!

It allows the oil companies to perform a continuous density measurement on site, and use the true density as basis for a more correct measurement.

The benefits are obvious: higher accuracy, better repeatability and of course the most accurate leak detection possible!

Product level Specifications¹

Measuring range:	Up to 3000mm (250mBar Gauge)
Accuracy:	+/-1mm or +/- 0.05%FS
Repeatability:	+/-0.5mm or 0.025%FS
Resolution:	0.025mm
Long-term stability:	+/-0.025%FS / year
Product offset:	110mm

Product Density Specifications¹

Measuring range:	0.5 - 1.2 g/cm ³
Accuracy:	0.0012 g/cm ³
Resolution:	0.00015 g/cm ³
Repeatability:	+/- 0.025%FS
Long-term stability:	+/-0.025%FS / year

¹ Preliminary

