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Measure the level and temperature with one instrument – LMP 307T submersible probe

BD|SENSORS has developed the stainless steel submersible probe [LMP 307T](#) for continuous level and temperature measurement in water and in clean to lightly-soiled liquids.

The advantage: simultaneous recording of level and temperature with separate independent signal amplification.

The user often has to accept compromises with simultaneous level and temperature measurement. Usually, two devices need to be installed and cabled which results in higher installation costs. Furthermore, a head-mounted transmitter is sometimes required for the temperature measuring transducer so that the signal can be transmitted over longer distances and to eliminate influences due to contact, transition and output resistance.

BD|SENSORS, with its **LMP 307T**, now offers a combined device which can measure the level and temperature simultaneously. In addition to classical signal processing of the level, an additional signal circuit independent of the level which converts the temperature signal into a 4 ... 20 mA analogue signal in 2-wire technology is provided. The LMP 307T records levels from 0 ... 1 mH₂O to 0 ... 250 mH₂O (accuracy $\leq \pm 0.35$ % FSO) and temperatures from 0 to 70 °C (accuracy $\leq \pm 1$ °C), whereby deviating calibration is possible. The product guarantees an extremely high level of safety and reliability with low temperature errors, high accuracy and good long-term stability.

PRESS RELEASE



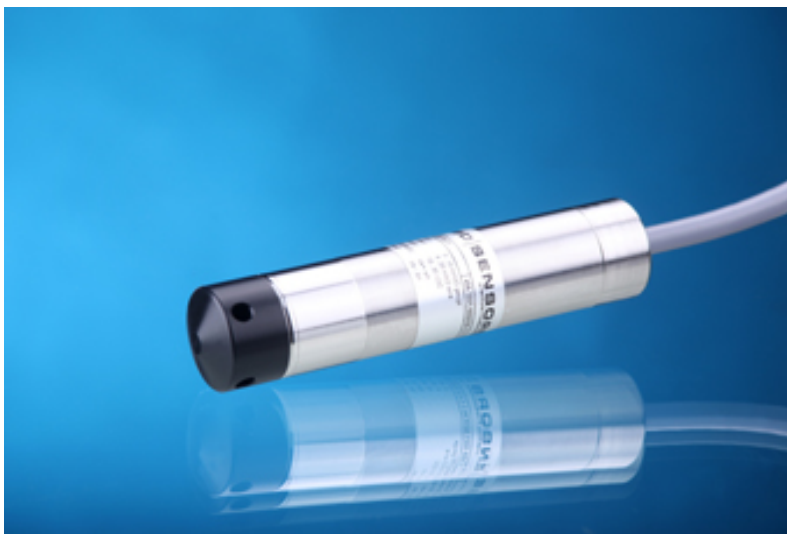
This all means that the user now has a simple-to-operate and precisely calibrated device available. The maintenance and wiring costs are considerably reduced.

Typical application areas are, for example, drinking water purification, monitoring of rainwater overflow basins and river courses, in addition to level measurement in containers or tank batteries. The **LMP 307T** stainless steel submersible probe is suitable for water, fuels, oils and all low-viscosity, non-aggressive media which are compatible with stainless steel.

The **LMP 307T**: another innovative product from BD|SENSORS.

You can find detailed information at

www.bdsensors.com



[LMP 307T](#)