With CALIS you measure levels precisely - without media contact and calibration

Moisture and density of media such as sand, plastic granules or small metal parts can lead to inaccurate measurement results. The Time of Flight technology (ToF) measures without media contact and is therefore ideally suited for bulk solids, but also for liquids. Similar to an echo sounder, the measuring device emits an infrared laser signal to obtain information on the filling level. The time for the outward and return journey of the light is measured, the distance is determined, converted into an electrical signal and then output for further processing and visualization.

CALIS offer you decisive advantages especially for level measurement of bulk solids:

- No calibration to the medium necessary, since the medium properties do not affect the measurement
- Measurement without media contact by optical Time of Flight (ToF) measurement method
- The fill level is measured continuously and can be read out via an analog or the digital IO-Link interface

The optical level sensor CALIS from CAPTRON is based on ToF technology. No calibration to the medium is necessary, since the medium properties do not affect the measurement. In addition, the level is measured continuously and can be read out via an analog or digital interface for evaluation and visualization on a display. CALIS is thus particularly suitable for automation and monitoring of manufacturing processes.

Are you looking for a solution to measure levels precisely without media contact? We will satisfy your individual requirements. Arrange a non-binding consultation now: sales@captron.com

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