

Why you should consider the Laser Level Sensor TL400-I



The TL400-I is a laser level sensor designed for precise, non-contact measurement in industrial environments that is ideal for detecting liquids grains, fluids, bulk material storage in static or moving applications. Its wide measurement range supports small tanks as well as large silos. The measurement range is up to 4 meters, with an operating temperature range from -20 to 80 °C and an impressive protection rating IP68 making it suitable for harsh industrial environments.

With a low-power laser beam, it performs several non-direct-interaction measurements per second while an advanced algorithm calculates not only the exact level, but also converts volume to litres. It has a minimal margin of error of ± 3 mm.

The sensor's non-contact design reduces device wear and tear thereby lowering its maintenance costs while extending its lifespan. While laser sensors may have a higher initial cost, TL400-I is a long-term investment offering durability and precision. Its versatility makes it ideal for industries like farming, bulk storage facilities, food, chemical processing, and mining.

As far as laser sensors go, the TL400-I is a reliable, cost-effective solution for accurate, long-lasting level measurement in challenging environments.

The range offers two models:

Level & Volume Laser Sensor Device TL-400V. Monitor Generator Tank Consumption.

Level & Volume Laser Sensor Device TL-400I. Detects Measures Liquids, Grains, Bulk Solids.

For more information on Laser Level Sensors contact Mimic Cape Switchboard: 021-551-8185