

Pressure + Level

RD400 Guided Wave Level Transmitter

The RD400 uses TDR (Time Domain Reflectometry) principle for direct measurement of levels in industrial processes. By using a RF frequency generator, RD400 emits waves of low frequency which are guided through a probe in contact with the process. With a dedicated software, the RD400 continuously calculates the time difference between reflected waves and the actual process fluid level.

- Measurement is not affected by density and/or temperature variations;
- Not affected by viscosity, gravity, steam, gases or turbulence over the process;
- Medium accuracy of ± 5 mm*;
- Configuration via local adjustment or HART® remote configuration tool;
- Volume calculation for non-standard tanks or irregular shaped tanks.

* The accuracy depends on the probe type, the area of contact between the product and the probe, and the process dielectric constant. Outside the dead zones, the RD400 can reach up to ± 7 mm. For further information, consult our representatives.

