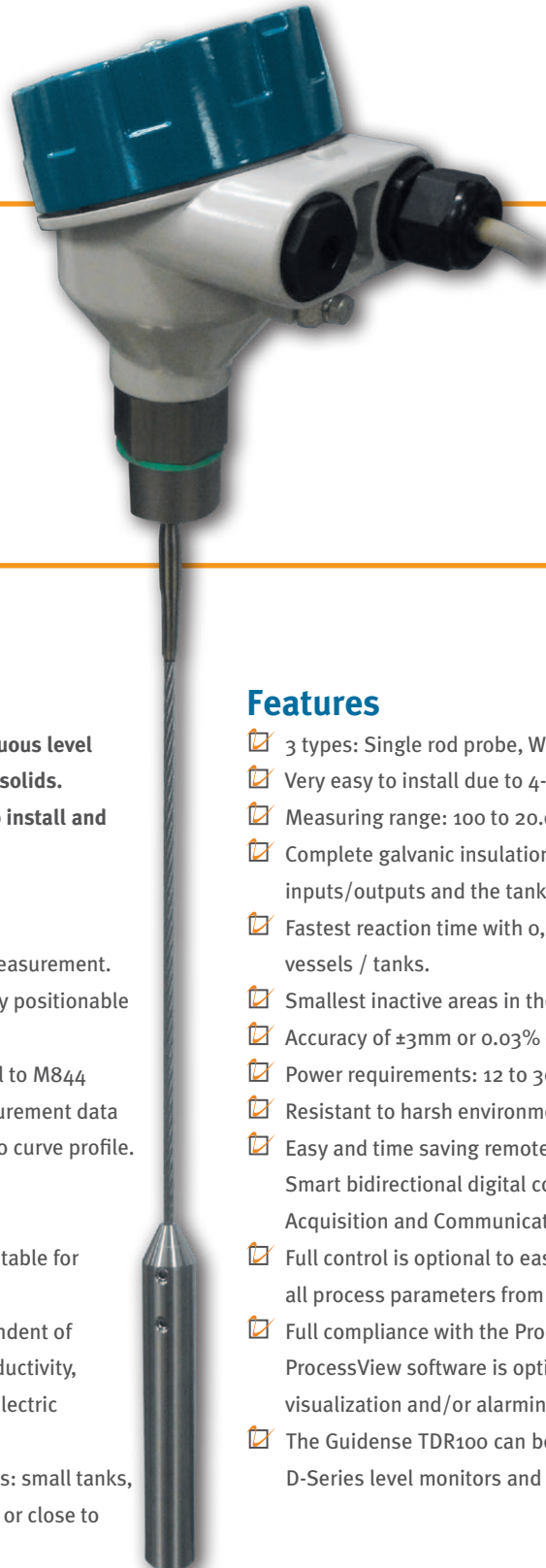


Guidense

Continuous guided level radar



Reliable and user-friendly

The Guidense is a robust guided level radar for continuous level measurement and point level detection in liquids and solids.

As all Fluidwell products, the Guidense is very easy to install and user-friendly to configure.

Signal outputs

- ☑ Active analog output according continuous level measurement.
- ☑ Active control output for point level detection freely positionable within the measuring range.
- ☑ Smart bidirectional digital communication optional to M844 which provides full access for configuration, measurement data and process analysis including a full graphical echo curve profile.

Applications

- ☑ Smart level measurement solution is extremely suitable for off-grid and hard to reach locations.
- ☑ Suitable in almost every liquid and solids - independent of changing process conditions, such as density, conductivity, temperature, pressure, vapour, turbulence, low dielectric constant or low reflectivity.
- ☑ The Guidense has almost no installation restrictions: small tanks, tall and narrow nozzles or difficult tank geometries or close to interfering structures.

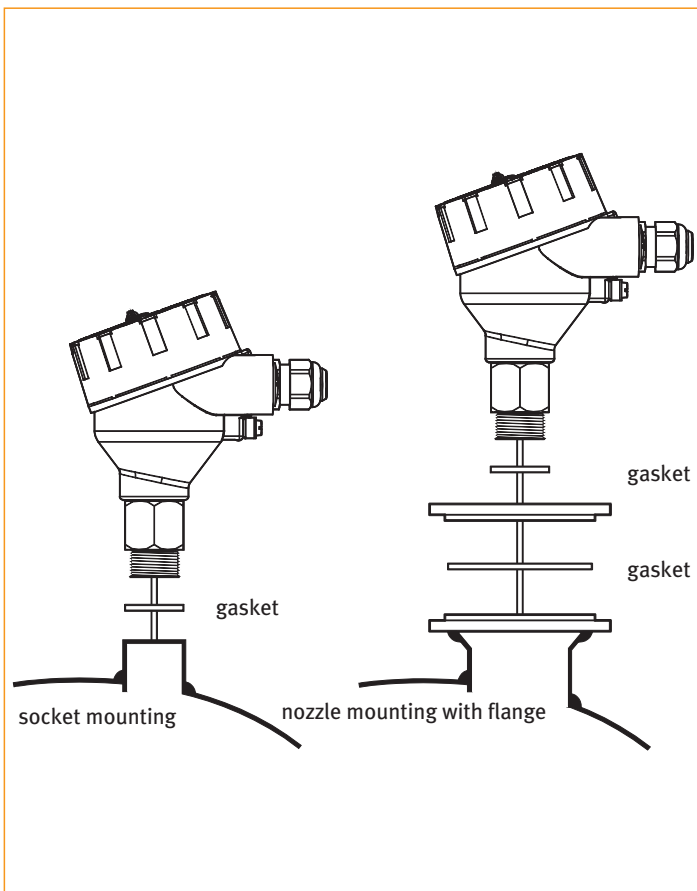
Features

- ☑ 3 types: Single rod probe, Wire rope probe and Coaxial probe.
- ☑ Very easy to install due to 4-wire design.
- ☑ Measuring range: 100 to 20.000mm.
- ☑ Complete galvanic insulation of device electronics from its inputs/outputs and the tank potential.
- ☑ Fastest reaction time with 0,5 sec in the market for smallest vessels / tanks.
- ☑ Smallest inactive areas in the market.
- ☑ Accuracy of $\pm 3\text{mm}$ or 0.03% of measured distance.
- ☑ Power requirements: 12 to 30VDC or powered by the M844.
- ☑ Resistant to harsh environments with IP68/NEMA6P enclosure.
- ☑ Easy and time saving remote configuration is optional through Smart bidirectional digital communication with M844 Data Acquisition and Communication Module.
- ☑ Full control is optional to easily read, modify, store and analyse all process parameters from anyplace, anywhere, anytime.
- ☑ Full compliance with the ProcessMonitor web-portal or ProcessView software is optional for data history, graphic visualization and/or alarming.
- ☑ The Guidense TDR100 can be used with any of the F- and D-Series level monitors and controllers.

Guidense feature overview



Easy mechanical installation



Guidense dimensions

