

# Density Transmitter

The DT400 WH is a density transmitter with WirelessHART™ digital communication, Version 7 HART, designed to continuous density and concentration measurement of liquids, directly on industrial processes.

This transmitter enables real time monitoring of density, concentration and level of industrial processes interfaces.

DT400 WH is available in two types: the industrial model for general processes, and the sanitary model for applications in the food, beverage and pharmaceutical industries. Both models can be installed online or directly in tanks, since they're adequate for static and dynamic fluids. Several measurement units can be configured by the user such as:  $\text{g/cm}^3$ ,  $\text{kg/m}^3$ , °Brix, °Baumé, °Plato, °GL, °INPM, °API, % of Solids, % of Concentration, etc. Due to its versatility and great measurement precision - besides the ease of installation, configuration and maintenance - these transmitters can be applied in practically every industrial process.

The local adjustment of the equipment is carried out through the magnetic screwdriver and with configuration tools like HPC401 and CONF401 it is possible to calibrate, monitor and visualize diagnostics remotely. It uses primary 3,6 V Lithium batteries (LI-SOCI2), totalizing 7.2 V.

