Industrial process water
The internal digital signal processing, combined with proven sensors, guarantees high accuracy and the best long-term stability. Filling height, level, concentration of specific substances, density, layer separation or volume are measured with WIKA sensors using a wide range of measuring methods.

**Level measurement and force measurement**

The majority of process water, boiler feed water and rinsing water comes from lakes, rivers and groundwater. Complex water treatment technologies are needed to remove impurities from these fresh water sources. WIKA measuring components help to capture process parameters reliably in order to ensure effective and safe operation. Of course, WIKA also provides a tailor-made solution for your individual application.

The measured variable is not always determined directly, often an indirect measurement is advantageous, such as, for example, measuring the level via the static pressure or the weight to provide an efficient and reliable system.

For this, the OLS-F1 level switch, the FLS float switch, the F1211 compression force transducer and the F3831 shear beam can all be used for measurement.
Pressure measurement and temperature measurement

With pressure measurement in abrasive or corrosive media, the measuring instrument can wear very quickly and must then be exchanged in short intervals. Flush diaphragm seal systems with various materials or coatings, such as, for example, wikaramic® from WIKA, extend the service life significantly.

WIKA has decades of experience in the use of special materials and coatings for wetted parts, such as diaphragms and thermowells.

Thus, all measuring components can be adapted to the processes. This reduces the costs for maintenance and replacement parts and makes your process safer and more efficient.