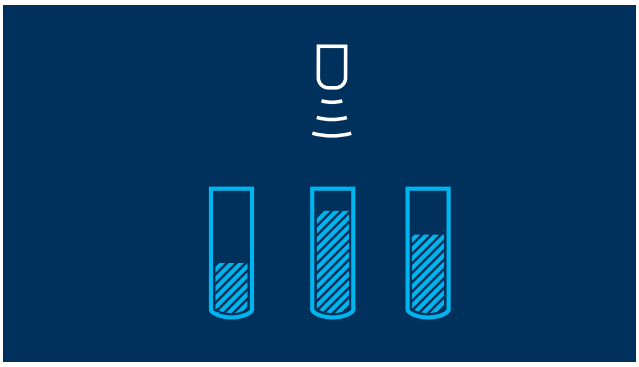
Filling level monitoring in small containers



A compact sensor design is required for non-contact level monitoring in small vessels or where installation space is limited. The sensors measure levels ranging from a few millimetres up to 1.3 metres and are therefore suitable for applications with limited space.

Ultrasonic sensors are available with one or two digital outputs for minimum/maximum control, or with an analogue output (0–10 V and/or 4–20 mA) for continuous level monitoring.

The zws ultrasonic sensor with SoundPipe is ideal for level measurement in particularly small vessels (e.g. microtitre plates). This enables measurement in vessels with a diameter of less than 5 mm. Due to the SoundPipe, measurement can take place immediately from the sound outlet, as the blind zone lies within the SoundPipe.

The pico+TF level sensors are designed for level measurement in chemically aggressive liquids such as cleaning agents, paints or inks.

Области применения

- Printing and Paper
- Food and Pharmaceuticals
- Logistics
- Packaging

ДАТЧИКИ ДЛЯ ЭТОЙ ОБЛАСТИ ПРИМЕНЕНИЯ



zws-15/CD/QS
Дальность действия: 20 - 250 mm
Корпус: прямоугольный
Выходы: 1 x PNP



SoundPipe zws1



zws-25/CI/QS
Дальность действия: 30 - 350 mm
Корпус: прямоугольный
Выходы: 1 x аналоговых 4-20 мА



pico+15/TF/F
Дальность действия: 20 - 250 mm
Корпус: цилиндрический M22
Выходы: 1 x Push-Pull



pico+25/TF/I
Дальность действия: 30 - 350 mm
Корпус: цилиндрический M22
Выходы: 1 x аналоговых 4-20 мА



Ipc+15/CFF
Дальность действия: 20 - 250 mm
Корпус: цилиндрический M18
Выходы: 2 x Push-Pull