

Filling level monitoring in small containers



Области применения

Printing and Paper

Food and Pharmaceuticals

Logistics

Packaging

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.

ДАТЧИКИ ДЛЯ ЭТОЙ ОБЛАСТИ ПРИМЕНЕНИЯ



zws-15/CD/QS

Дальность действия: 20 - 250 mm

Корпус: прямоугольный

Выходы: 1 x PNP



zws-25/CI/QS

Дальность действия: 30 - 350 mm

Корпус: прямоугольный

Выходы: 1 x аналоговых 4-20 mA



pico+25/TF/I

Дальность действия: 30 - 350 mm

Корпус: цилиндрический M22

Выходы: 1 x аналоговых 4-20 mA



SoundPipe zws1



pico+15/TF/F

Дальность действия: 20 - 250 mm

Корпус: цилиндрический M22

Выходы: 1 x Push-Pull



Ipc+15/CFF

Дальность действия: 20 - 250 mm

Корпус: цилиндрический M18

Выходы: 2 x Push-Pull