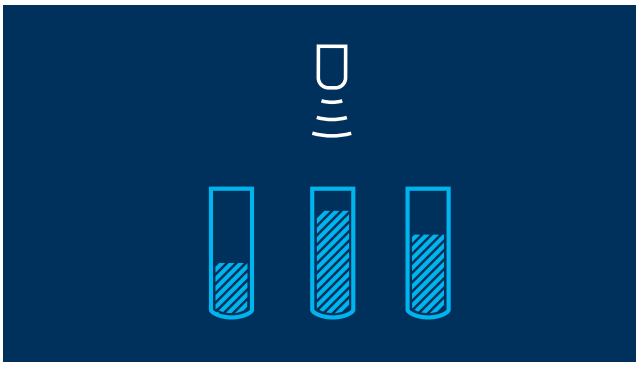
Filling level monitoring in small containers



응용 분야

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.

이 응용 분야용 센서



zws-15/CD/QS
동작 범위: 20 - 250 mm
하우징: 콜로이드
출력: 1 x pnp



SoundPipe zws1



zws-25/CI/QS
동작 범위: 30 - 350 mm
하우징: 콜로이드
출력: 1 x 아날로그 4-20 mA



pico+15/TF/F
동작 범위: 20 - 250 mm
하우징: M22 실린더형
출력: 1 x Push-Pull



pico+25/TF/I
동작 범위: 30 - 350 mm
하우징: M22 실린더형
출력: 1 x 아날로그 4-20 mA



Ipc+15/CFF
동작 범위: 20 - 250 mm
하우징: M18 실린더형
출력: 2 x Push-Pull