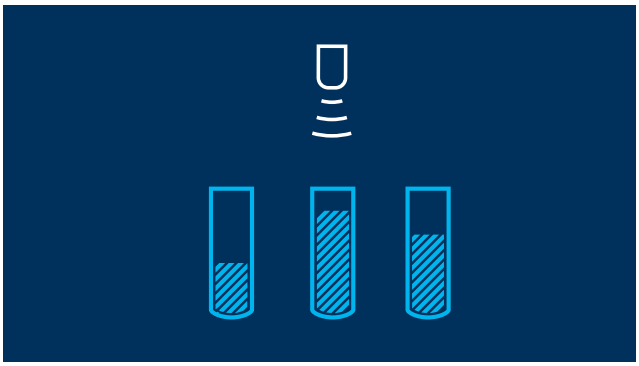
小さい容器での充填レベル監視



アプリケーション領域

- Printing and Paper
- Food and Pharmaceuticals
- 物流分野
- 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.

このアプリケーション領域のセンサー



zws-15/CD/QS
動作範囲: 20 - 250 mm
ハウジング: コロイド
出力: 1 x pnp



SoundPipe zws1



zws-25/CI/QS
動作範囲: 30 - 350 mm
ハウジング: コロイド
出力: 1 x アナログ 4-20 mA



pico+15/TF/F
動作範囲: 20 - 250 mm
ハウジング: 円筒 M22
出力: 1 x Push-Pull



pico+25/TF/I
動作範囲: 30 - 350 mm
ハウジング: 円筒 M22
出力: 1 x アナログ 4-20 mA



lpc+15/CFF
動作範囲: 20 - 250 mm
ハウジング: 円筒 M18
出力: 2 x Push-Pull