

Stacking height control



응용 분야

Printing and Paper

Logistics

Packaging

Whether wooden boards, panes of glass, sheets of paper or coloured plastic panels, ultrasonic sensors are ideal for detecting the height accuracy to millimetre precision.

Further application: Stack centering

In addition to stack height measurement, the zws ultrasonic sensors can also be used for stack centering in the infeed of printing presses. The sensor precisely and non-contact detects the lateral position of the paper stack—regardless of surface texture or color—ensuring optimal alignment for smooth and error-free operation.

The right sensor family for your application

Depending on the measuring range and housing design, there are three sensor families to choose from:

- **mic+ with M30 threaded sleeve:** measuring range from 30 mm to 8 m for large stacks,
- **pico+ with M18 metal sleeve:** measuring range from 20 mm to 1.3 m for small stacks,
- **zws in a miniature cubic housing:** measuring range from 20 mm to 1 m for small stacks.

이 응용 분야용 센서



mic+



pico+

housing: M30 sleeve
detection ranges: 250 mm, 350 mm,
1,300 mm, 3,400 and 6,000 mm
outputs: 1x Push-Pull, 2x pnp, 4-20...



ZWS

housing: M18 all-metal sleeve
detection ranges: 250 mm, 350 mm,
600 mm and 1,300 mm
outputs: 1x Push-Pull, 4-20 mA or 0-...

housing: miniature cubic housing
detection ranges: 150 mm, 240 mm,
250 mm, 350 mm and 700 mm
outputs: 1x pnp or npn, 4-20 mA or 0...