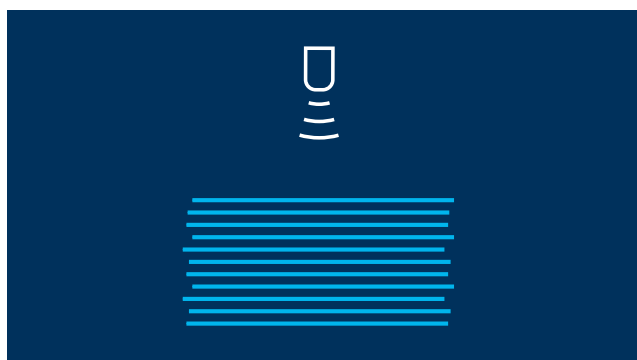


堆垛高度控制



应用领域

Printing and Paper

物流解决方案

Packaging

无论是木板、窗格玻璃、纸片还是有色塑料板，超声波传感器都可以非常理想并极为精确的检测出材料的堆垛高度。

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.

该应用领域的传感器



mic+

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 mA and 0-10 V, 1x pnp + analogue
special feature: digital display



pico+

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 0-10 V
special feature: 90° angular head



zws

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 0-10 V
special feature: zws-7 with 250 Hz switching frequency

