

Stapelhoogtemeting



Toepassingsgebieden

Drukwerk en papier

Logistiek

Verpakking

Of het nu gaat om houtplaten, glasplaten, papier of gekleurde kunststofplaten, ultrasone sensoren zijn ideaal voor als het opstapelen tot op de millimeter precies moet gebeuren.

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.

SENSOREN VOOR DIT TOEPASSINGSGEBIED



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...



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...



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 ...