

# Contrôle d'empilage



## Zones d'application

Imprimerie et papeterie

Logistique

Emballage

Qu'il s'agisse de plaques de bois, de vitres, de papier ou de plaques plastiques colorées, les capteurs à ultrasons sont parfaitement adaptés au mesurage de la hauteur au millimètre près.

## 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.

## CAPTEURS POUR CETTE ZONE D'APPLICATION



**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...