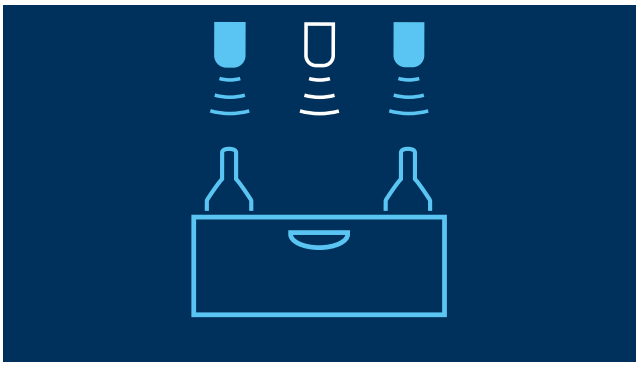
Crate inspection



application areas

Food and Pharmaceuticals

Logistics

Ultrasonic sensors are ideal for checking whether crates are full or empty, or scanning empty PET bottles on a conveyor belt. They detect objects non-contact and precisely - even glass bottles, transparent PET containers, or cans — without optical interference.

The integrated synchronization simplifies the setup of a sensor array directly above the conveyor belt, making it ideal for the simultaneous detection of multiple bottles or objects.

Depending on the object size and measurement range, three sensor families are available:

- **pico+ with M18 threaded sleeve:** 20 mm to 1.3 m measurement range,
- **mic+ with M30 threaded sleeve**: measuring range from 30 mm to 8 m,
- **pms in Hygienic Design:** 20 mm to 1.3 m measurement range for use in food or pharmaceutical products.

SENSORS FOR THIS APPLICATION AREA



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...



pms

housing: stainless steel housing with PTFE film
detection ranges: 250 mm, 350 mm, 600 mm and 1,300 mm...



mic+

housing: M30 sleeve with digital display
detection ranges: 250 mm, 350 mm, 1,300 mm, 3,400 and 6,000 mm...