

Volume flow



application areas

Food and Pharmaceuticals

Logistics

Packaging

Ultrasonic sensors with analog output continuously measure the fill level of products on conveyor belts during filling processes in the food or pharmaceutical industry. The control system dynamically adjusts the product feed to ensure a consistent filling process:

- When the sensor detects minimum filling level, the feed rate will be increased.
- On the contrary, when the sensor detects a maximum filling level, the control unit will reduce the feed rate in order to prevent overflows.

SENSORS FOR THIS APPLICATION AREA



pms

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



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...



crm+

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