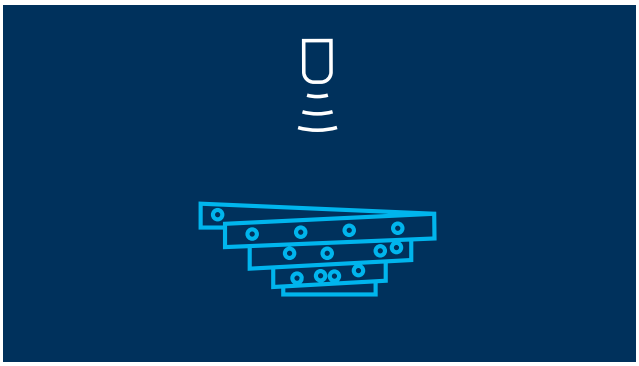
Vibration feeder



A vibratory conveyor (also known as a vibrating feeder) transports, doses or sorts small parts or bulk materials non-contact in automated processes. Ultrasonic sensors with an analogue output continuously measure the fill level inside the vibratory feeder.The control system dynamically adjusts the material feed:

- If the sensor detects a level that is too low, the feed rate is increased.
- Conversely, if the sensor detects a level that is too high, the control system reduces the product feed to ensure a consistent material flow.

Области применения

Food and Pharmaceuticals

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ДАТЧИКИ ДЛЯ ЭТОЙ ОБЛАСТИ ПРИМЕНЕНИЯ



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

The sensor family in Washdown Design stands out for its gap-free and dirt-free stainless steel construction - ideal for the beverage, food, and...



mic+

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