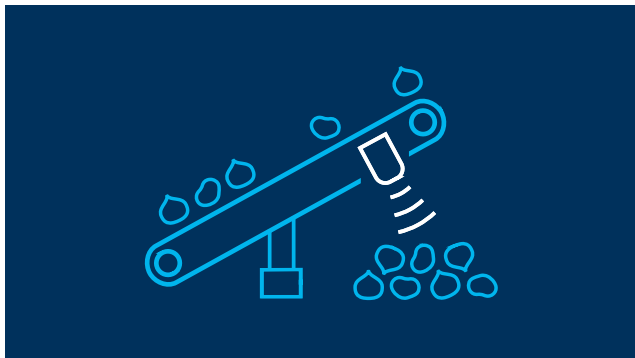


# Conveyor belt in the storage hopper: Drop height monitoring



Crops placed in a bunker via a conveyor belt must not be deposited from too high a drop height. The cube ultrasonic sensor or pico+ ultrasonic sensor permanently measures the distance to the pouring cone to maintain it at a constant value.

The control system detects the distance value and readjusts the height of the conveyor belt. This ensures that sensitive crops are always stored from a low drop height and thus do not suffer damage.

## application areas

Agricultural machinery

Logistics

## SENSORS FOR THIS APPLICATION AREA



### **cube**

**housing:** cubic

**detection ranges:** 350 mm, 1,300 mm, and 3,400 mm

**outputs:** 1x Push-Pull, 1x Push-Pull + 1x analog - switchable to a second Push-Pull switching output



### **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 and 0-10 V

**special feature:** 90° angular head