

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.

Области применения

Agricultural Machinery

Logistics

ДАТЧИКИ ДЛЯ ЭТОЙ ОБЛАСТИ ПРИМЕНЕНИЯ



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