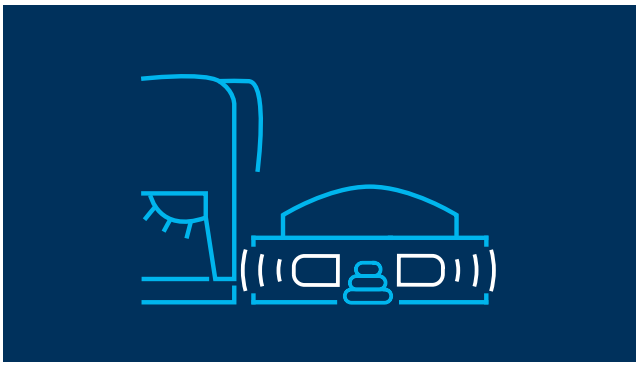
Cleaning robots in the cow shed: Automated guidance



Cleaning or manure removal robots are deployed for the automatic cleaning of walkways and slatted floors in cow barns.

mic ultrasonic sensors on the cleaning robot measure the distance to the gate and the animals. Using the measured distance values, the cleaning robot works reliably to ensure hygiene.

application areas

Agricultural machinery

SENSORS FOR THIS APPLICATION AREA



mic-130/IU/M

operating range: 200 - 2,000 mm
Housing: cylindrical M30
Outputs: 1 x analogue 4-20 mA + 0-10 V



mic-340/IU/M

operating range: 350 - 5,000 mm
Housing: cylindrical M30
Outputs: 1 x analogue 4-20 mA + 0-10 V