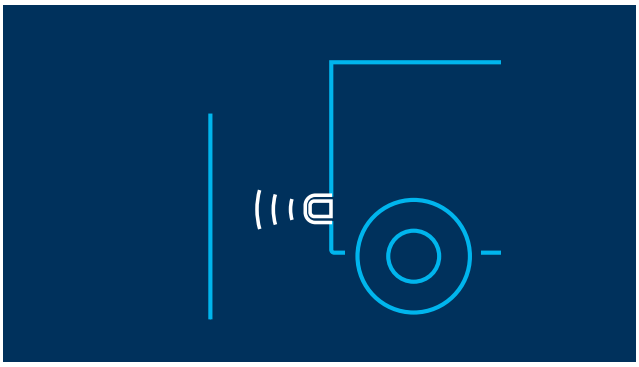
Detecting obstacles for AGVs



Ultrasonic sensors of the mic+ range enable the contactless protection of automated guided vehicles (AGs) in the driving direction. In restricted installation spaces, the compact pico+ ultrasonic sensors can be used as an alternative.

When using several sensors these can be synchronised with each other to avoid influencing each other. With a pre-alarm zone and a stopping zone, the industrial vehicle can be halted smoothly before an obstacle without the impact bumper triggering the braking mechanis

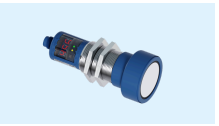
application areas

Logistics

SENSORS FOR THIS APPLICATION AREA



mic+130/DIU/TC
operating range: 200 - 2,000 mm
Housing: cylindrical M30
Outputs: 1 x pnp + 1 x analogue 4-20 mA / 0-10 V



mic+340/DIU/TC
operating range: 350 - 5,000 mm
Housing: cylindrical M30
Outputs: 1 x pnp + 1 x analogue 4-20 mA / 0-10 V



pico+100/I
operating range: 120 - 1,300 mm
Housing: cylindrical M18
Outputs: 1 x analogue 4-20 mA



pico+100/U
operating range: 120 - 1,300 mm
Housing: cylindrical M18
Outputs: 1 x analogue 0-10 V