Pressemitteilung

Nr. 582e



Pressemitteilungen

Download

**Positioning autonomous transport systems**

**optoNCDT 1220 laser sensors are used to position automated guided vehicles and autonomous mobile robots without collisions. The sensors measure the distance to a code tape, which enables precise positioning of the autonomous vehicle.**

optoNCDT 1220 sensors are used for collision-free positioning of automated guided vehicles (AGVs) and autonomous mobile robots (AMRs) with Mecanum wheels. The compact laser sensors with 500 mm measuring range are integrated onto the AGV/AMR. They precisely measure the distance of the AGV/AMR from a metric code tape, which is then evaluated by a PGV camera.

The distance value determined by the laser sensors enables the PGV camera to reliably read the code tape and decode the exact position of the AGV/AMR. This in turn enables collision-free, lateral docking of the autonomous vehicle.

ca. 860 Zeichen inkl. Leerzeichen



(optoNCDT 1220 autonomous transport systems 18x13.jpg)