

Applications

Industry / Customer Group	Elevators / Escalators / Doors / Gates
Application	Truck detection
Country	Holland
Product	SMP 8500 MGJ
Variations	SMP 7600

Application



Details

When a truck backs up to a dock station it has to be correctly positioned so that the back flap fits to the dock so that the load can be transported in and out of the lorry safely and easily. When the truck is in the right position a wheel holder physically blocks the truck so that it cannot move from that position.

An SMP 8500 MGJ is mounted directly in the wheel holder, thus detecting that the truck is in place so that loading or unloading can begin. In this case the automatic door to the dock will open.

By using this system, safety is also guaranteed for the fork lift trucks. If a truck were to move during the loading or unloading and the load flap no longer met the dock, there could be a risk that the forklifts could fall off the side of the dock or get stuck between the load flap and the dock. When the SMP 8500 does not detect the truck wheel anymore it will give a signal (visual and/or acoustic) or, even better, close the automatic door, so the forklift is prevented from driving into an incorrectly positioned truck.

Reference: TELCO 0904091028

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