

Application note



Subject:
**Hassle-Free Installation
for Industrial Door Safety**

Industry:
Access Controls

Product:
LEYON-Safe-E

Customer:
OEMs

CUSTOMER NEED

Industrial door installers need safety systems that are quick and easy to install, without requiring complex alignment or specialized expertise.

Traditional solutions—such as light curtains, safety edges, and photoelectric sensors—involve precise positioning of transmitters and receivers, careful wiring, and time-consuming calibration.

Misalignment, vibration, or incorrect installation can lead to malfunctions, increasing downtime, service costs, and installation risks.

OUR SOLUTION

LEYON-Safe-E eliminates installation complexity through a fully integrated, single-sensor design.

No mechanical adjustments are required: installers simply position the drilling template on either side of the door, mount the bracket with the spacer, and secure the sensor.

The device is immediately ready to operate—no tilting, rotating, or alignment of beams needed.

Any additional configuration or fine-tuning can be performed remotely via a dedicated intuitive web app, ensuring maximum flexibility with minimal effort.

BENEFITS

- **Fast installation:** Reduced setup time with a straightforward mounting process
- **No alignment required:** Eliminates errors related to transmitter/receiver mechanical positioning
- **Lower skill requirements:** No need for highly specialized installers
- **Reduced installation risks:** Minimizes wiring mistakes and mechanical misalignment
- **Remote configuration:** Easy adjustments via web app without physical intervention
- **Consistent performance:** Reliable operation independent of mounting conditions