

Pulse generator and safety direction "EFA-SCAN"

EFAFLEX door systems can be equipped with a completely new, patented laser scanner, "EFA-SCAN", on request.

TECHNICAL FEATURES

- **EFAFLEX LASER SCANNER EFA-SCAN**, with direction-detecting detection zone and static safety zone, **integrated into the door frame**. Available for the following door types: high-speed spiral door, high-speed turbo door and high-speed turbo roll-up door.
- The sensor generates **a three-dimensional monitored area with individually adjustable geometric and dynamic detection zones**.
- It offers **maximum safety** for people, transported goods and the door itself against accidents and damage.
- Basically, two **EFA-SCANS** are required for the areas 'in front of' and 'behind' the door in order to completely replace all previously used combinations of conventional pulse generators and spatial safety devices or to significantly exceed their effectiveness.
- The EFA-SCAN generates **two continuous zones: a safety zone** in the immediate vicinity of the door and a **detection zone** further away. In this zone, the **EFA-SCAN** sensor functions as **a state-of-the-art command device** for opening the door. The speed and direction of the detected objects are calculated.
- **Reliable direction detection** ensures that only objects moving directly towards the gate can trigger an opening impulse.
- Objects moving parallel to or away from the gate are hidden, effectively preventing 'accidental' opening.

PERFORMANCE VALUES (DEPENDING ON EQUIPMENT)

- **EFAFLEX laser scanner EFA-SCAN**, with direction-detecting detection zone and static safety zone, **pre-installed in a separate bollard at the factory**, standard bollard height: H = 400 mm, steel parts powder-coated in RAL 1003, 'signal yellow'.
- **EFAFLEX laser scanner EFA-SCAN**, with direction-detecting detection zone and static safety zone, **for on-site mounting** (according to EFAFLEX specifications).

Additional options available on request:

- **Additional bollard**, e.g. purely for collision protection, powder-coated in RAL 1003 'signal yellow', standard bollard height H = 400 mm.

Manufacturer: EFAFLEX Tor- und Sicherheitssystem GmbH & Co. KG | www.efaflex.com

Stand 04/2025 – Subject to technical changes