LZR CURTAIN SAFETY SENSORS
[VERTICAL + S25 LONG-DISTANCE]

For Sliding Gates & Industrial Doors

- Up to 9.9m × 9.9m (25m S25) detection area
- Safety at the opening and the closing of the door thanks to 2 separate detection areas
- Possibility to create 2 virtual push buttons to open the door

Easy Installation

Sleek Product Styling

IP65 Outdoor Rating

HOW DOES IT WORK?

The LZR [Vertical] Sensor works according to the principle of time of flight.
This high-precision technology ensures optimal safety. A dynamic orientation of the LASER beams on 4 planes offers more safety in the door threshold and its proximity.

Technical Specifications

Technology	LASER scanner, time-of-flight measurement
Detection mode	**VERTICAL:** Presence | **S25 [VERTICAL]:** Movement + Presence
Max. detection range	**VERTICAL:** 9.9 m × 9.9 m | **S25 [VERTICAL]:** 25m x 25m
Typ. min. object size	**VERTICAL:** 2.1 cm @ 3 m / 3.5 cm @ 5 m / 7 cm @ 10 m **S25 [VERTICAL]:** 2.1 cm @ 3 m / 3.5 cm @ 5 m / 7 cm @ 10 m, 17.5cm @ 25m (in proportion to object distance)
Testbody	700 mm × 300 mm × 200 mm (testbody A according to EN 12445)
Emission characteristics IR LASER Red visible LASER	 Wavelength 905 nm; max. output pulse power 75 W; Class 1 Wavelength 650 nm; max. output CW power 3 mW; Class 3R
Supply voltage	10-35V DC @ sensor terminal
Power consumption	< 5W
Response time	Typ. 20 ms; max. 80 ms
Output Max. switching voltage Max. switching current	2 electronic relays (galvanic isolation - polarity free) 35V DC / 24V AC 80 mA (resistive)
LED-signals	1 blue LED: power-on status 1 orange LED: error status 2 bi-coloured LED: detection/output status
Dimensions	125 mm (L) × 93 mm (D) × 70 mm (H)
Material	PC/ASA
Product Colour	Black
Rotation angles on bracket	-5° to +5° (lockable)
Tilt angles on bracket	-3° to +3°
Outdoor Rating	IP65
Temperature range	-30 °C to + 60 °C if powered

REQUIRED EXTRA

BEA Universal Programming Remote

OPTIONAL EXTRA

BEA LZR Ceiling Mount, or where the included side-mount isn't suitable

LZR Sensor ■

offers 4 planes (curtains) of detection ■

up to 9.9 m (up 25m S25)

up to 9.9 m (up 25m S25)

1 m