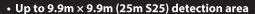


# LZR CURTAIN SAFETY SENSORS [VERTICAL + S25 LONG-DISTANCE]

For Sliding Gates & Industrial Doors



- 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



**IP65 Outdoor Rating** 



Easy Installation

Sleek Product Styling



#### **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	<b>VERTICAL:</b> 9.9 m × 9.9 m   <b>S25 [VERTICAL]:</b> 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 @ 25 (in proportion to object distance)	
Testbody	700 mm × 300 mm × 200 mm (testbody A according to EN 12445)	
<b>Emission characteristics</b> IR LASER Red visible LASER	Wavelength 905 nm; max. output pulse power 75 \ Wavelength 650 nm; max. output CW power 3 mW	
Supply voltage	10-35V DC @ sensor terminal	
Power consumption	< 5W	
Response time	Typ. 20 ms; max. 80 ms	
<b>Output</b> Max. switching voltage Max. switching current	2 electronic relays (galvanic isolation - polarity free 35V DC / 24V AC 80 mA (resistive)	e)
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**



#### **OPTIONAL EXTRA**



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

