

# MILAN

## PRESENCE SENSOR FOR INDUSTRIAL DOORS

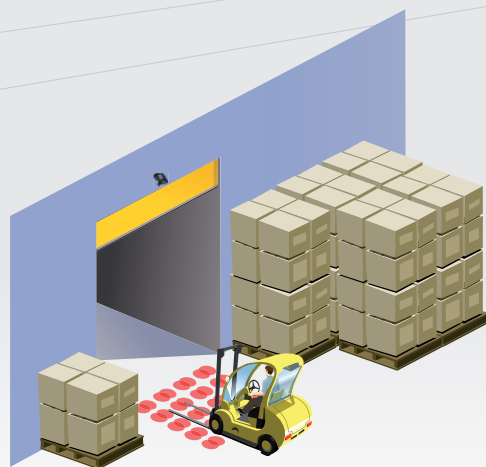
Commercial sheet



### THE WATCHER OF RAPID DOORS

#### DESCRIPTION

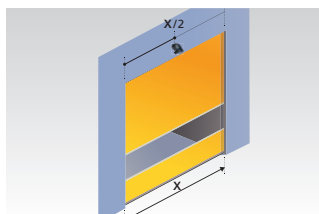
The **MILAN** is an active infrared sensor working on the principle of the ground reflectivity analysis. Its mission is to increase the protection of the door by avoiding every collision with vehicles standing close to the door area. Moreover, the MILAN adjustment allows to define small and accurate detection areas in front of the door.



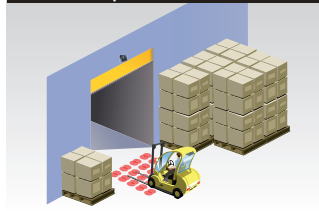
#### PERFORMANCE

- 40 active infrared spotlights covering 3 m x 3 m\* in front of the door.
- Possibility to adjust the detection area and the minimal size of the target.
- Two outputs available to run presence and motion separately.
- Improvement of the door protection and reduction of collision risks.
- Increased protection of vehicles and pedestrians.

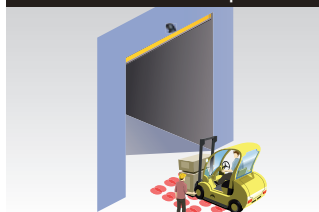
\* at an installation height of 5 m with an angle of 20°



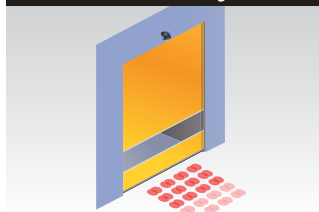
Recommended mounting for best performances



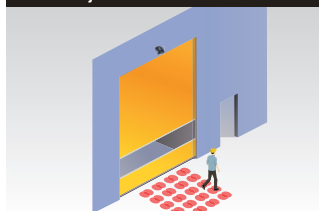
Accurate in confined space



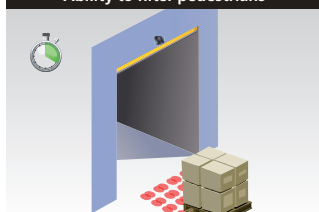
Area monitoring



Adjustable detection area



Ability to filter pedestrians



Maximum presence detection time (adjustable)

## APPLICATIONS

- Presence detection in front of the door to increase its protection.
- Accurate opening in confined rooms.

## DESIGNED FOR INDUSTRIAL ENVIRONMENTS

- Rugged housing designed for industrial applications.
- Installation till 6 m high depending on size and nature of the target.
- Degree of protection: IP65.

## EASE OF INSTALLATION

- Simple installation (plug and play).
- User-friendly adjustment with remote control and spotfinder.
- Immunity against door vibrations and interferences.

## TECHNICAL SPECIFICATIONS

<b>Technology</b>	infrared
<b>Wavelength</b>	875 nm
<b>Radiated power density</b>	< 250 mW/m <sup>2</sup>
<b>Detection mode</b>	Motion & presence
<b>Detection field</b>	3 m x 3 m* (5 lines x 8 spots)
<b>Angle</b>	15° - 45°
<b>Output</b>	Relay (free of potential change-over contact)
Max. contact voltage	42 V AC/DC
Max. contact current	1A (resistive)
Max. switching power	30W (DC) / 60 VA (AC)
<b>Output hold time</b>	0.5 s
<b>Reaction time</b>	250 ms
<b>Min. target speed</b>	5 cm/s to activate a detection
<b>LED-signal</b>	Green Red
<b>Mains frequency</b>	50 to 60 Hz
<b>Supply voltage</b>	12V to 24V AC ±10% 12V to 24V DC +30% / -10%
<b>Max power consumption</b>	< 2 W/VA
<b>Mounting height</b>	2,5 m - 6 m **
<b>Dimensions</b>	127 mm (P) x 102 mm (L) x 96 mm (H)
<b>Housing material</b>	ABS/Polycarbonate
<b>Colour</b>	Black and smoked violet
<b>Temperature range</b>	-30°C à +60°C
<b>Protection degree</b>	IP65
<b>Humidity</b>	0-95 % non-condensing
<b>Norm conformity</b>	EMC: 2004/108/EC R&TTE: 1999/5/EC

Specifications are subject to change without prior notice

\* at a mounting height of 5 m

\*\* depending on size and nature of the target

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