

Flatscan SW



The easy to install Flatscan SW uses time-of-flight laser technology for swing door to generate 170 measurement points that provide a complete protection for swing doors and their users.

A single Flatscan SW covers the entire door swing including the hinge area. The unit is Fast and Intuitive to install.

Product Code
T166737

Features & Benefits

- Compact Size 8.5cm x 14.2cm
- Independent of flooring and surrounding
- Pinch zone safety – The unit covers the hinge area of a door to protect hands and fingers during the closing cycle main closing edge safety. To comply with EN 16005 a risk assessment must be completed to ensure a physical finger guard is not also required
- Uncovered zone – This can be reduced to 10 cm
- Specific adjustable setting thanks to 4 Dip switches
- Easy to set up
- Direct surroundings of the door and floor type
- One module on each side is sufficient to cover the whole door, regardless of its size
- Available in black (aluminium & white are also available)

Applications

<p>Independent of Flooring & Surroundings</p>	<p>Pinch Zone Safety</p>	<p>Main Closing Edge Safety</p>	<p>Fast, Intuitive Installation</p>	<p>Uncovered Zone</p>	<p>Compact in Size</p>
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Technical Data	
Technology	LASER scanner, time of flight measurement
Detection mode	Presence
Max – detection range	4 m (diagonal) with reflectivity of 2% (i.e. : at W=1.5->max H=3.7m)
Opening angle	Door leaf swing: 90 degrees/ Pinch zone safety: 16 degrees
Angular resolution	Door swing safety:1.3 degrees/ Pinch zone safety: 0.2 degrees
Function display	One bi-coloured LED; Detection/output status
IP rating	IP54
Operating voltage	12-24V DC +/- 15%
Power consumption	2W
Response time	Door leaf safety: max 50s/ Pinch zone safety: max 90ms
Switching type	Relay de-energized at object inside the scanning range form c relay
Response Time	≤ 64ms Typical
Dimensions	142mm (L) x 85mm (H) x 23mm (D) Mounting bracket + 7mm
Material/Housing	PC/ASA Black/Aluminium/White

Certification	
CE conformity	2006/95/EC: LVD; 2011/65/EU: RoHS 2; 2004/108/EC: EMC 2006/42/EC: MD EN 61000-6-2: 2005; EN 61000-6-3: 2011 EN 16005: 2012 Chapter 4.6.8 (Test body A)
CCC approval	Products with a maximum operating voltage of ≤36 V do not bear a CCC marking because they do not require approval.

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