

FALCON

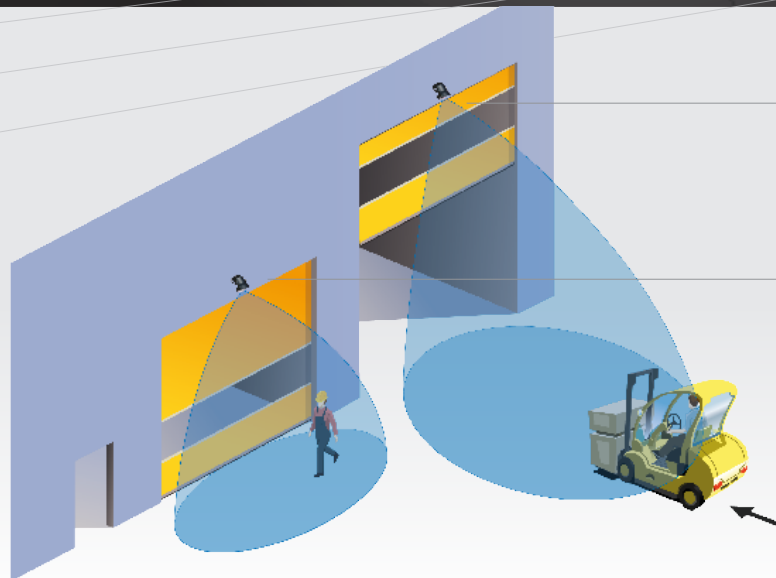
OPENING SENSOR
FOR INDUSTRIAL DOORS



THE ULTIMATE ACTIVATOR

DESCRIPTION

FALCON은 자동 도어의 성능을 최적화하는 단방향 마이크로 웨이브 모션 센서입니다. 차량과 사람을 구분 할 수 있을 뿐만 아니라 교차 통행하는 차량을 무시하여 문 닫는 사이클을 줄일 수 있습니다.

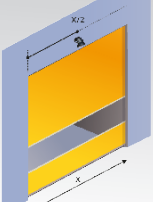


PERFORMANCE


- 에너지 절감을 위한 단방향 감지
- 사람과 차량 구분 가능
- 교차 통행 무시 가능
- 디지털 신호 처리에 대한 안테나의 내성과 안정성
- 설치 높이에 따른 제품 선택 : FALCON - 7m

FALCON XL - 3.5mm

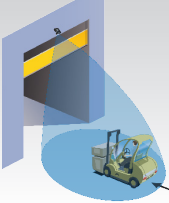
APPLICATIONS



산업용 도어에 적합한 감지 높이와 크기

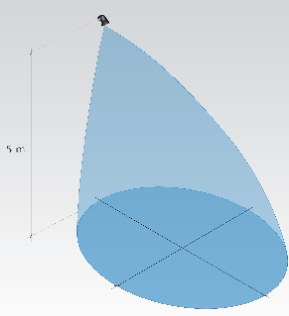


고차 통행하는 물체 무시

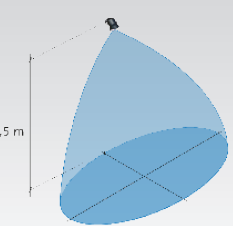


사람과 차량 구분 가능 (물체만 감지 가능)

DETECTION RANGE



FALCON 감지 영역
4 m × 5 m @ 5 m*



FALCON XL 감지 영역
4 m × 2 m @ 3,5 m*

APPLICATIONS

- Big door (최대 7 m) : **FALCON**
- Small door (최대 3.5 m) : **FALCON XL**

DESIGNED FOR INDUSTRIAL ENVIRONMENTS

- 산업용 어플리케이션에 적합한 견고한 하우징
- 외부보호등급 : IP65
- 진동 및 외부환경에 강함

EASE OF INSTALLATION

- 간단한 설치
- 리모컨과 푸시 버튼 적용 가능

TECHNICAL SPECIFICATIONS

Technology	Microwave doppler radar
Radiated frequency	24.150 GHz
Transmitter radiated power	< 20 dBm EIRP
Radiated power density	< 5 mW/cm ²
감지 모드	Movement
감지 영역	
FALCON	4 m × 5 m *
FALCON XL	4 m × 2 m *
각도 조절	0° to 180° vertical
출력	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)
출력유지시간	0.5 s - 9 s (adjustable)
리액션 시간	100 ms
감지최저속도	5 cm/s (Measured in optimal conditions)
LED 신호	green : value indication red : detection state, parameter indication
메인주파수	50 to 60 Hz
공급전압	12V to 24V AC ±10% 12V to 24V DC +30% / -10%
최대파워전력	< 2 W
설치높이	
FALCON	3.5 m - 7 m
FALCON XL	2 m - 3.5 m
제품규격	127 mm (L) × 102 mm (H) × 96 mm (W)
재질	ABS and polycarbonate
색상	black
허용온도범위	from -30°C to +60°C
외부보호등급	IP65
습도	0-95% non condensing
표준승인	EMC: 2004/108/EC R&TTE: 1999/5/EC

Specifications are subject to change without prior notice.
* 30°, size 9, 설치 높이 : 5 m, XL : 3.5 m

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