

Datasheet

DW-FLATSCAN - Safety Sensor for Swing Doors

Product Description

The DW-FLATSCAN is a new addition to our range of door automation sensors, featuring cutting-edge laser technology to create an extremely accurate and reliable safety solution for swing door operators.

The DW-FLATSCAN accomplishes this using lasers and time of flight technology, rather than the traditional infrared detection. The unit generates a laser curtain, measuring 170 points divided over 106 degrees. It covers two zones at the same time: the door wing (70 points over 90 degrees) and the hinge area (100 points over 16 degrees).

The technology allows for both very discreet, aesthetically pleasing installations as well as improved safety to the door and hinge area.



Key Features

- Safety sensor for swing doors
- Laser & time of flight technology
- Extended coverage
- Additional hinge protection
- Self-learning installation
- Self-adjusting in operation
- Ideal for DIGIWAY door operators

 Certification

 DEEE

 Certification

 IP54

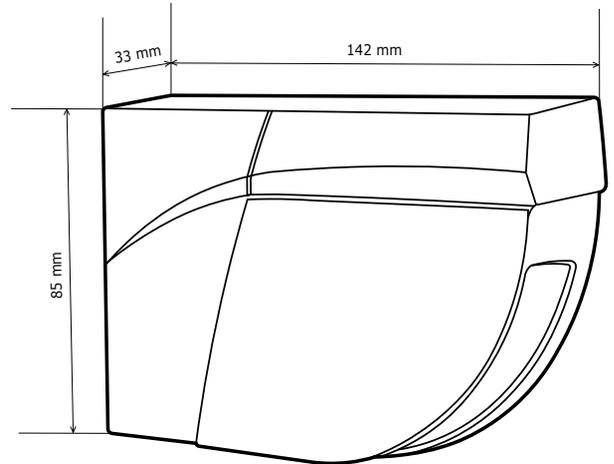
 -25°C to 60°C

Product Specifications

Material: Polycarbonate/ASA, Aluminium
Mounting: Top corner of door leaf
Technology: Laser, time of flight measurement

Detection

Detection mode: Presence
Max range: 4m (in diagonal)
Object detection: *In proportion to object distance.*
DIP 2 = ON
Door wing: 10cm @ 4m
Hinge area: 2cm @ 4m



Output Specifications

Relays: 2 x COM/NC
Max voltage: 42 Vac/dc
Max current: 100mA

Electrical Specifications

Power input: 12-24Vdc
Consumption: 166mA @ 2W