LED-SIGNALS

The sensor signals an internal fault.
The sensor receives too much IR-energy.
The sensor encounters a memory problem.
The sensor sees the door during the assisted setup.
The sensor vibrates.
The sensor is disturbed by rain and/or leaves.

The reaction of the door does not correspond to the LED-signal.

SAFETY INSTRUCTIONS

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ACTIV8 ONE OFF

Opening & safety sensor for automatic sliding doors

DESCRIPTION

TECHNICAL SPECIFICATIONS

Supply voltage: 12 V - 24 V AC +/-10% ; 12 V - 30 V DC -5%/+10%
Power consumption: < 3 W
Mounting height: 1.8 m to 4 m
Temperature range: -25 °C to +55 °C
Degree of protection: IP54
Expected lifetime: 5 years
Norm conformity: R&TTE 1999/5/EC; EMC 2004/108/EC

Detection mode: Motion
Min. detection speed: 5 cm/s
Presence
Typical response time: <128 ms (max. 500 ms)

Technology:
Microwave doppler radar
Transmitter frequency: 24 - 150 GHz
Transmitter radiated power: < 20 dBm EIRP
Transmitter power density: < 5 mW/cm²
Active infrared with background analysis
Spot diameter: 0.1 m (typ)
Number of spots: 24 or 12 by curtain
Number of curtains: 2

Angle:
From 15 ° to 50 ° (vertical) (adjustable)
From -4 ° to +4 ° (adjustable)

Output:
Relay (free of potential)
Max. contact voltage: 42 V AC/DC
Max. contact current: 1 A (resistive)
Max. switching power: 30 W (DC)/60 VA (AC)
(free of potential, free of polarity)
Max. contact current: 100 mA
Max. contact voltage: 42 V AC/DC

Hold time output signal: 0.5 s to 9 s (adjustable)
0.5 s to 1 s (not adjustable)

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**1 MOUNTING & WIRING**

The door control unit and the door cover profile must be correctly earthing.

* Output status when sensor is operational.

**2 RADAR FIELD - OPENING IMPULSE**

The width of the radar field varies according to the mounting height of the sensor.

**3 INFRARED FIELD - SAFETY**

Detection field width indicated according to conditions defined in DIN 18650 and including dimension of test body CA.

**4 SETTINGS (by push buttons and/or remote control)**

**5 SETUP (step out of the detection field during setup)**

TIP: Launch an ASSISTED SETUP to verify wiring, position of the curtains and correct functioning of the sensor. It is recommended to clean the optical parts at least once a year or more often if required due to environmental conditions.

IMPORTANT: Test the good functioning of the installation before leaving the premises.

* In immunity 2 and 3, the standard detection capability is the same as in immunity 1 (factory setting). Environmental and installation conditions can affect the detection capability of the sensor or can impact the availability of the door system. During harsh conditions, the sensor can temporarily adapt the detection capability to ensure the availability of the door system.