

Combination activation & presence sensor

Automatic sliding & swinging doors

Description

dormakaba's combination activation and presence sensor offers flexibility for more safety and more reliability. With its presence detection capability, the sensor can use detection area as presence detection area—making a variety of applications possible. This unit complies with new ANSI standard.

Features & benefits

- **How BLUEZONE works.** When the approach area detects a person or object, the sensor activates the door and turns on the BLUEZONE, which detects through the threshold. As long as someone is in the detection area, the sensor keeps the door in the open position. Once the area is cleared, the BLUEZONE ignores the door panels and allows the door to close safely.
- **Adapted to cold environments.** The dormakaba combination activation and presence sensor operates in temperatures ranging from a low of -31°F to a high of +131°F (-35°C to +55°C).
- **Monitoring capability.** With its built-in monitoring capability, this combination activation and presence sensor monitors all its critical functions and notifies compatible controls when an error occurs. Self-monitoring ensures a higher level of performance over the life of the sensor.

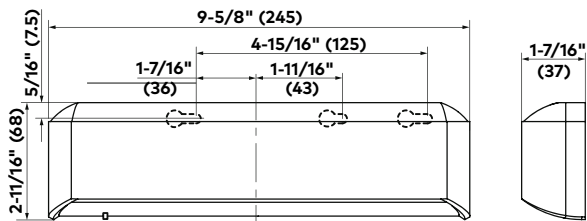
Technical specifications

Model	OA-FLEX T
Cover color	Black
Mounting height	6' 7" (2 m) to 8' 2" (2.5 m)
Detection method	Active infrared reflection ¹
Area angle adjustment	Depth: -8° to +8° Width: ±7° 2 clicks with 3.5° every click – Left/Right
Power supply ¹	12 to 24 VAC ±10% (50 / 60Hz) 12 to 30 VDC ±10%
Power consumption	<2.0 W (<5 VA at AC)
Operating humidity	<80%
Test input	Opto coupler Voltage / 5 to 30 VDC Current / 6 mA max. (30 VDC)
Activation output	Form A relay 50 V 0.3 A max. (Resistance load)
Safety output	Form A relay 50 V 0.3 A max. (Resistance load)
Operating temperature	-31°F to +131°F (-35°C to +55°C)
Noise level	<70 dBA
Output hold time	Approx. 0.5 sec.
Response time	<0.3 sec.
IP rate	IP54
Weight	7.8 oz (220 g)
Accessories	1 Operation manual 2 Mounting screws 1 Mounting template 1 Area adjustment tool 1 Cable 9'10" (3 m) 8 × 0.22 mm ² AWG24 ²

¹ When using this sensor, it has to be connected to a door system that has the SELV circuit.

² Overcurrent protection with less than 2A.

DX3335-028 dimensional drawing



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