

Radar Motion Sensor For Automatic Doors



The T-COLIBRI B is smallest microwave opening sensor available. This unit has been designed for use on compact automatic door solutions and can be used for all types of automatic opening doors.

Easy to install with an operation voltage of 12-36V dc and normally open contact, it may be used with all leading automatic doors.

The unit dip switch settings allowing for standard, porch, pavement and wide angle area of sensing. Capable of detecting moving objects such as pedestrians, slow moving vehicles and other objects in motion.

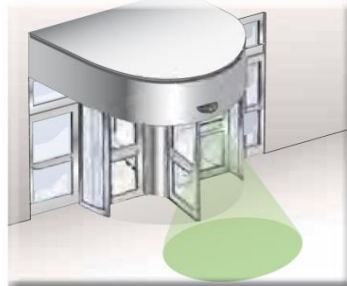
Features & Benefits

- Unidirectional sensing for energy savings
- Status LED display
- Dual directional detection operating voltage of 12 – 36V dc
- Complies with safety standard based on IEC60950
- Microwave Doppler radar with intelligent functions
- Cross traffic suppression
- Cable Length 2.4M
- ABS/Black
- Minimum Detection Speed 5cm/s

Product Code

T-COLIBRI B

Radar Motion Sensor



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Technical Specification	
Operating principle	Microwave Doppler radar
Detection field angle	Min. 0.1 m/s
Sensing range	0-40° in 5° steps
Operating frequency	24.150 GHz
Operating mode	Microwave motion sensor
Function display	Red/Green LED
Operating voltage	12 - 24V dc +30%/-10%
Cable Length	2.4m or 2.5m
Signal output	Relay, 1 N.O. contact
Off-delay time	0.2s – 5s, adjustable (factory settings 1s) N/A
Temperature	-20° C to + 55° C
Installation height	From 1.8m – 3m
Dimensions	80mm (W) x 60mm (H) x 55mm (D)
Protection Degree	IP54
Material / Housing	ABS / Black

Conformity

EC conformity: The product T-COLIBRI B is compliant with Directive 1999/5/EC, device class 1 and the following harmonized standards EN 62311, EN 60950-1, EN 301 489-1, en301489-3, EN300 440-2, BS EN 16005 : 2012

US conformity: The product TRMS-D is compliant with FCC regulations, part 15

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