

HR94D1-C1

Monitored Safety

REF. NESTOR COMPANY : RAD504



Monitored Sliding Door Side Screen or Door Threshold Pedestrian Safety Sensor

Versatile and simple to set up, the HR94D1-C1 protects pedestrians from the dangers of both opening and closing sliding doors at mounting heights of up to 3m



- **Sliding Door Side Screen Pedestrian Safety**
Protect pedestrians from the dangerous leading door edge during door open cycles with a dense curtain of infrared safety
- **Door Threshold Pedestrian Safety**
Safeguard pedestrians from hazardous door closures due to a shallow but wide infrared safety curtain that is monitored once per door cycle
- **Solid & Reliable**
Avoid the risk of loss or damage to individual sensor parts through a one piece sensor body construction
- **Simple to Install**
Install with ease without the need for a remote control thanks to comprehensive instructions printed on the sensor body



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Technical Specification

Accessories



1200R
Spacer for installation
on a round door



UTB-HR100
Ceiling attached bracket



ITB-HR100
Ceiling recessed bracket



Cable HR94D1-C1
Hotron 2.5M Cable



HR94D-COV/S
Silver sensor cover
HR94D-COV/BL
Black sensor cover



WC/BL
Black weather cover

Model	HR94D1-C1 Monitored Pedestrian Door Safety	
Detection Method	Active Infrared Detection	
Installation Height	Max 3000mm (10ft)	
Sensor Dimensions	210mm (W), 65mm (H), 30mm (D)	
Pattern Adjustment	Width Adjustment: Wide or Narrow (Dials) Depth Adjustment: Body Angle Adjustment 0° - 5° in 3 steps	
Presence Timer	2, 15, 60 & 180 seconds	
IP Rating	54	
Power Supply	12 to 32V AC or DC $\pm$ 10%	
Power Consumption	AC12V-1.8 [VA] (Max), DC12V-100 [mA] (Max) AC24V-2.8 [VA] (Max), DC24V-60 [mA] (Max)	
Output	Open Collector 7.5 [mA] (Max) Resistor Load	
Relay Hold Time	Approx. 0.5 sec	
LED Indication	Power On	= Green ON
	Detecting	= Red ON
	Detecting Door	= Orange ON
	Self Diagnostics	= Red/Green FLASHING
Operating Temperature	-20°C to +60°C, (-4°F to 140°F)	
Weight	190g (0.42 lbs)	
Available Colours	Black: Product Code	= HR94D1-C1/BL
	Silver: Product Code	= HR94D1-C1/S
Accessories Provided	2.5m Connection Cable Mounting Template Mounting Screws Installation Instructions	

Detection Area (inches/mm)

