

Swing Door & Revolving Monitored Safety Sensors



Swing & Revolving Door Safety Sensors have an active infrared scanner and are available for single and double doors sets.

The 4Safe is a failsafe active infrared safety sensor which functions by distance measuring.

The three-dimensional area of the 4Safe makes it particularly suitable for protecting those less able.

Detection Area



Features & Benefits

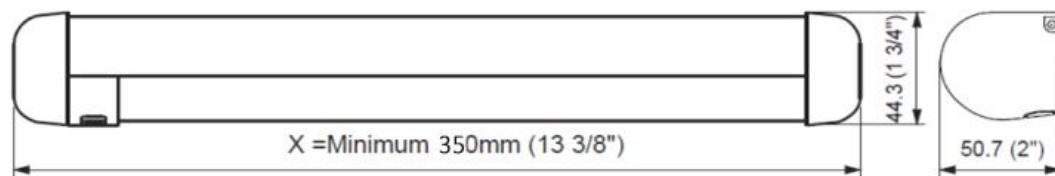
- Moving presence sensor for swing and revolving doors
- Easy mounting with daisy-chain up to 6 modules, to cover the whole of the door/s
- Category 2, tested and certified to DIN 18650
- Module construction with master/slave modules
- Adaptation to all floor types, even the most contrasted one – stainless steel plate, grids, water puddles, snow-covered ground
- Easier logistics, each module recognises its states automatically and selects it within the daisy-chain
- Ease of Installation - Pressing the push button once is sufficient to adjust the sensor for the usual installation heights
- Fine tuning with 4 Dip switches
- Anti-collision protection for people/objects in the vicinity of revolving or carousel doors
- Operates according to infrared principle in background evaluation mode – using triangulation
- Each detection area can be adjusted individually

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Technical Data	T- 4SAFE/KIT1L35/350	T-4SAFE/KIT/1L90/900
Detection range:	Presence and Movement	Presence and Movement
Housing Length (L)	T-4SAFE/KIT1L35/350mm	T-4SAFE/KIT1L90/900mm
Reflectivity	Min 5% at IR- wave/length of 850mm	
Number of Spots	4 (number of built-in sensor modules)	
IP Rating	IP53	
Function Display	Red/Green/Orange LED	
Controls	Detection range adjuster; adjuster for edge monitoring left/right test circuit	
Operating Voltage	12-30V dc +/- 10%	
Power Consumption	3.5W	
Test input	10-30V dc 6Ma Max	
Switching type	Relay de-energized at object inside the scanning range form c relay	
Response Time	≤ 64ms Typical	
Mounting Height	Max. 3000mm	
Material/Housing	Aluminium /ABS/PC Black	

Approvals and certificates	
CE conformity	CE EMC 2004/108/EC; MD 2006/42/EC; EN 16005:2012 ch. 4.6.8
CCC approval	Products with a maximum operating voltage of ≤36V dc does not bear a CCC marking because they do not require approval

Product Code	
T- 4SAFE/KIT1L35/350	350mm Single Lens Slave Unit
T- 4SAFE/KIT/1L90/900	900mm Single Lens Master Unit
T - 4SAFE/SET	Master and Slave Set for 1 Door



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