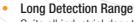


RLK31

Safety



Compact water proof safety beam sensor with a detection range of up to 12m



Suits all industrial door types due to a detection range of up to 12m

Ease of Installation

Optimal set-up indicated by a constantly illuminated yellow LED

Water & Dust Proof

Maximize resistance to the negative effects of water and dust with an IP67 protection rating

Flexible Mounting

Universal mounting bracket supplied allows easy installation in even the most difficult of environments













Safety



Technical Specification

Accessories Provided



Sensor head (including transmitter & receiver in one housing)



Universal mounting bracket



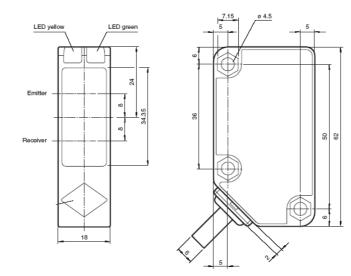
Mounting screws



C110-2 Reflector

Model	RLK31 Industrial Door Safety	
Detection Method	Reflected Active Infrared Light	
Detection Range	12m with Reflector C110-2 provided	
Reflector Type	C110-2, diameter 84mm	
Sensor Dimensions	35mm (W), 62mm (H), 18mm (D)	
Light Type	Red, modulated light	
IP Rating	67	
Power Supply	12 to 240V DC or 24 to 240V AC	
Power Consumption	≤ 2 VA	
No-load Supply Current	≤ 40 mA	
Diameter of Light Spot	approx. 200mm at a distance of 6m	
Angle of Divergence	3°	
Ambient Light Limit	50,000 Lux	
Operating LED	Power On	= Green On
Function LED	Perfect alignment between sensor & reflector	= Yellow On
	Poor alignment between sensor & reflector	= Yellow Flashing
Switching Type	Light ON	
Owntorning Type	5	
Signal Output	1 relay output, 1 alternator	
~ *'		
Signal Output	1 relay output, 1 alternator	
Signal Output Switching Voltage	1 relay output, 1 alternator Max. 240 V AC	
Signal Output Switching Voltage Switching Current	1 relay output, 1 alternator Max. 240 V AC Max. 3 A	
Signal Output Switching Voltage Switching Current Switching Frequency	1 relay output, 1 alternator Max. 240 V AC Max. 3 A 20 Hz	
Signal Output Switching Voltage Switching Current Switching Frequency Response Time	1 relay output, 1 alternator Max. 240 V AC Max. 3 A 20 Hz ≤ 25 ms	
Signal Output Switching Voltage Switching Current Switching Frequency Response Time Operating Temperature	1 relay output, 1 alternator Max. 240 V AC Max. 3 A 20 Hz ≤ 25 ms -25°C to +55°C, (-13°F to 131°F)	
Signal Output Switching Voltage Switching Current Switching Frequency Response Time Operating Temperature Cable	1 relay output, 1 alternator Max. 240 V AC Max. 3 A 20 Hz ≤ 25 ms -25°C to +55°C, (-13°F to 131°F) Fixed cable 2m , 5-core	= RLK31
Signal Output Switching Voltage Switching Current Switching Frequency Response Time Operating Temperature Cable Weight Set	1 relay output, 1 alternator Max. 240 V AC Max. 3 A 20 Hz ≤ 25 ms -25°C to +55°C, (-13°F to 131°F) Fixed cable 2m , 5-core 350g Black: Product Code C110-2 Reflector	= RLK31
Signal Output Switching Voltage Switching Current Switching Frequency Response Time Operating Temperature Cable Weight Set Available Colours	1 relay output, 1 alternator Max. 240 V AC Max. 3 A 20 Hz ≤ 25 ms -25°C to +55°C, (-13°F to 131°F) Fixed cable 2m , 5-core 350g Black: Product Code C110-2 Reflector Universal Mounting Bracket	= RLK31
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Sensor Head Dimensions (mm)



Installation Instructions