



RLK31

Safety

Versatile Long Range Industrial Door Reflective Light Barrier



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



LONG DETECTION RANGE

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



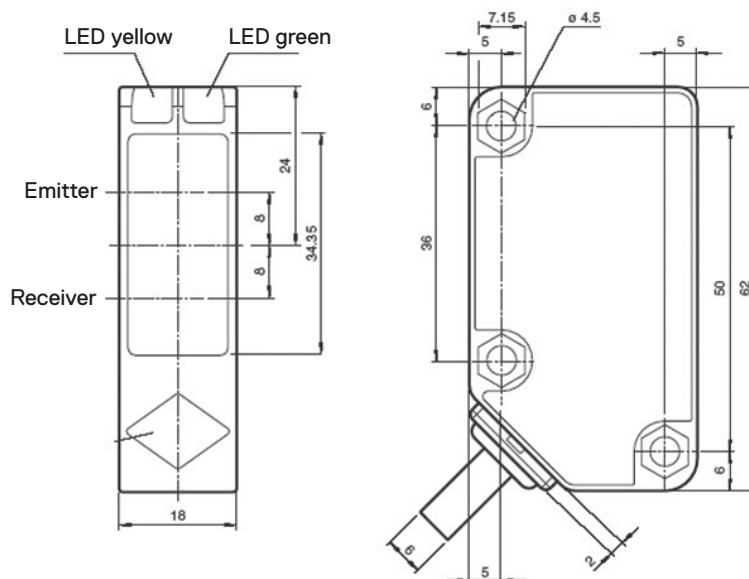
FLEXIBLE MOUNTING

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

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Sensor Head Dimensions (millimetres)



Technical Specifications

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	
Signal Output	1 relay output, 1 alternator	
Switching Voltage	Max. 240 V AC	
Switching Current	Max. 3 A	
Switching Frequency	20 Hz	
Response Time	≤ 25 ms	
Operating Temperature	-25°C to +55°C, (-13°F to 131°F)	
Cable	Fixed cable 2m , 5-core	
Weight Set	350g	
Available Colours	Black: Product Code	= RLK31
Accessories Provided	C110-2 Reflector, Universal Mounting Bracket, Sensor head with 2m cable Mounting Screws, Installation Instructions	

Accessories Provided

Sensor Head
(including
transmitter
& receiver in
one housing)



Universal Mounting Bracket



Mounting Screws



Reflector
C110-2

