

**UL325-2016 MONITORED Photoelectric Beam Sensor
(Retro-Reflective Type)**



Features

- Sensing range adjustable potentiometer (optional)
- PC casing, anti fog / dew/ rains
- IP-55 Water Proof
- Square / Round Shape reflector selectable
- Wrap around mounting bracket
- Input Volt.: 12-30V DC/AC 60 Hz
- 2 Led indicators for power and beam alignment
- Hood for round/ square shape reflector(Optional)

Applications

- Gateopener
- Overhead door
- Swing gate
- Sliding door
- Window
- Terrace
- Warehouse
- Parking lot



Specifications

Detection Method	Retro-Reflection		
Sensing Range	10 meters		
Supply Volt.	12-30V DC/AC 60 Hz		
Response Time	10 msec.		
Sensing Range(adjustable)	10m		
Emitting Element	IR LED		
Led Indicator (Left Side)	Beam Aligned	N.C.: ON	N.O.: OFF
	Beam Broken	N.C.: OFF	N.O.: ON
Power Led Indicator (Right Side)	When Powered: Led ON		
	Power Off: Led OFF		
Dimensions	20mm(w) × 63mm(h) × 39mm(d)		
Current consumption	100mA		
Ouput Method	SPDT Relay output		
Switching Capacity	30VDC/AC, 2A		
Connection Method	Cable wires: Brown / Blue / White / Black / Gray		
Housing Material	Case: PC ; Lens: PC		
Operating Temp.	-4°F to 131°F (-20°C to 55°C)		
Water Proof	IP-55		
Cable wires	2517 / 24AWG / 5 cores		
Approvals	UL325-2016 & CE		

Note--MONITOR functions of UL325

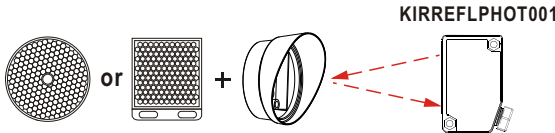
(01) End of Line Resistor (10KΩ)

(02) N.C. contact (Optional)

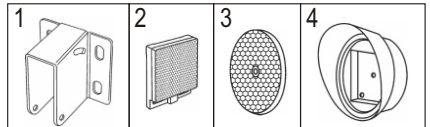
Depending on the monitoring system used by the gate motor, it may be necessary to use either the N.C. output or connect the included 10KΩ Resistor to the N.O. or N.C. output.

Please refer to the gate operator manual or the gate operator manufacturer for the preferred monitoring method.

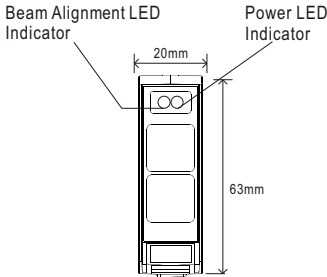
Collections



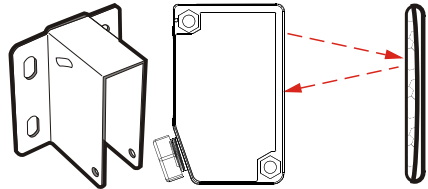
Accessories



Front View



Side View

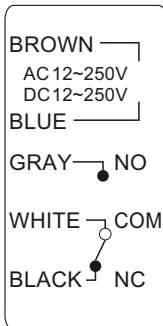


(Sensor / Reflector / Mounting Bracket)
Cable wire length: 2 meters

Wiring Connection Diagram

LIGHT ON (N.C.)

- Brown: Input power-non polarity
- Blue: Input power-non polarity
- Gray: Normally open
- White: Common
- Black: Normally close



Connection Guide

For LIBRA and QSCD Control Boards

	LIBRA	QSCD
Brown: Input power-non polarity	#11	#12
Blue: Input power-non polarity	#12	#13
Gray: Normally open	Not Used	Not Used
White: Common	#15	#21
Black: Normally close	#18	#24