

Photoelectric sensors PTG-CM15 series



Features

- ◆ Sensing distance up to 15m, for long-range obstacle avoidance
- ◆ Two independent relay outputs with configurable switch points
- ◆ One-touch distance setting: precise and quick
- ◆ Power supply voltage 24-240V DC/AC, suitable for various conditions
- ◆ Includes mounting brackets and target objects for stable setting and detection

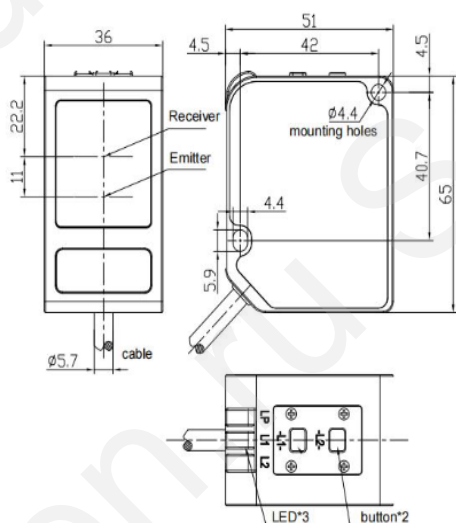
Part number

Relay output PTG-CM15SK

Technical specifications

Sensing range	0.05...15m	Voltage drop	<2.5V@ 3A
Adjust range	0.1...15m	Light spot	8mm@15m
Output way	2 ways relay output	Protection circuits	Surge voltage protection (Power Lines)
Adjust method	Button setting	Response time	<50ms
Light source	Red laser CLASS2	Indicators	Green: power, Yellow: output, Red: output
Supply voltage	24...240VDC/AC	Anti-ambient light	sunlight≤1,000Lx; Incandescent lamp≤300Lx;
Distance adjustment	Press key 2...5s, yellow, green light flash synchronously at 4Hz, release key to finish distance setting, yellow and green light flash asynchronously at 8Hz for 3s, indicating setting failure	Fluorescent lamp≤1000Lx	
Repeat accuracy	±4cm (0.1~4m), ±1% (4~15m)	Operation temp.	-20°C...50°C (non-condensing)
Consumption current	≤100mA(24V DC), ≤20mA (220V AC)	Storage temp.	-25°C...70°C
Load current	<3A	Protection degree	IP65
		Material	Housing: aluminum alloy; optical parts: plastic PMMA
		Weight	150g
		Connection	2m PVC cable 7pins
		Accessory	Bracket, standard target, manual

Dimensions



Wiring diagram

