



### Instruction

- Most suitable for general photoelectric switch
- Standard Polarized lenses reflective type
- Long-distance scanning contrast type:10m
- Diffused reflection:0.8m polarized lenses reflective type:2m
- Suitable for EN product(with PNP and NPN) in the world
- CRA30 domestic manufacturing, and more price advantage

### Technical parameters

Test type	Long-distance contrast type	Contrast type	Short-distance contrast type	Diffused reflection	Wide beam diffused reflection type	Long distance reflective type
Model	GR-1000/GR-1000P	GR-500/GR-500P	GR-200/GR-200P	GR-10/GR-10P	GR-40/GR-40P	GR-80/GR-80P
Power supply	12-24V±10% Fluctuation					
Consumption current	Below 55mA light receiver 30mA , Receiver.25mA		Less than 30mA			
Scanning distance	10m	5m	2m reflective type	1-100mm	400mm	800mm
Standard sensing object	Ø9mm		Ø60mm reflective			
Angle of direction				10*10cm (white paper)	20*20cm (white paper)	20*20cm (white paper)
Response output	Movement and reposition less than 1ms					
Smooth the illumination	Incandescent lamp:less than 5,000 Lux; sunlight: less than 20,000 lux					
Use of temperature range	-20~70°C no frosting and condensation					
Use of humidity range	35%-85% RH					
Insulated resistance	↕↕20MΩ					
Voltage	AC1000V 50/60Hz					

Insulated resistance	↔↔20MΩ
Voltage resistance	AC1000V 50/60Hz
Vibration resistance	10-55Hz peak 1.5mm towards X, Y and Z respectively for 2 hours
Concussion resistance	Towards X, Y and Z respectively
Protection level	IP66
Circuit protection	Prevent error output when power supply is reserve connecting protection, through/cutoff (approximately 100s)