







Photo Sensors (G50)

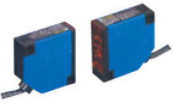


Photo Sensor G50 series

Type	DC voltage,Relay contact output		
Model	Through beam	Retroreflective(*1)	Diffuse
	G50-3C5JC	G50-3B4JC	G50-3A30JC
Appearances & dimensions	 (W18xH50xL50mm)		
Detecting distance	5m	0.1-3.5m	300mm (100x100mm Non glossy white paper)
Detecting target	Opaque material of Min.Φ16mm	Opaque material of Min.Φ60mm	Transparent, Translucent, Opaque materials
Hysteresis	—————		Max.15% at detecting distance
Response time	Max.20mS		
Power supply	DC10-30V±10%(Ripple P-P:Max10%)		
Sensitivity	—————		Adjustable by VR
Operating	Selectable Light ON/D or DarkON by slide switch		
Control output	Relay contact output	Capacity:30VDC 3A Resistive load ,250VAC 3A Resistive load	
		Contact orde1C	
Protection circuit	—————		
Protection	IP50(IEC Standard)		
Material	ase: ABS, Lens cover: Acryl, Lens Acryl		
Cable	Φ6.0mm 5P Length:2m (Emitter of through-beam type:Φ6.0mm,2P,length:2m)		

Type	AC voltage,Relay contact output		
Model	Through beam	Retroreflective(*1)	Diffuse
	G50-2C5JC	G50-2B4JC	G50-2A30JC
Appearances & dimensions	 (W18xH50xL50mm)		
Detecting distance	5m	0.1-3.5m	300mm (100x100mm Non glossy white paper)
Detecting target	Opaque material of Min.Φ16mm	Opaque material of Min.Φ60mm	Transparent, Translucent, Opaque materials
Hysteresis	—————		Max. 15% at detecting distance
Response time	Max.20mS		
Power supply	90 to 250VAC±10%50/60Hz, Ripple		
Sensitivity	—————		Adjustable by VR
Operating	Selectable Light ON/D or Dark ON by slide switch		
Control output	Relay contact output	Capacity:30VDC 3A Resistive load ,250VAC 3A Resistive load	
		Contact orde1C	
Protection circuit	—————		
Protection	IP50(IEC Standard)		
Material	ase: ABS, Lens cover: Acryl, Lens Acryl		
Cable	Φ6.0mm 5P Length:2m (Emitter of through-beam type:Φ6.0mm,2P,length:2m)		

Type	Free voltage,Relay contact output		
Model	Through beam	Retroreflective(*1)	Diffuse

Material	ase: ABS, Lens cover: Acryl, LensAcryl
Cable	Φ6.0mm 5P Length 2m (Emitter of through-beam type:Φ6.0mm,2P,length:2m)

Type	Free voltage,Relay contact output		
Model	Through beam	Retroreflective(*1)	Diffuse
	G50-4C5JC	G50-4B4JC	G50-4A30JC
Appearances & dimensions	 (W18xH50xL50mm)		
Detecting distance	5m	0.1-3.5m	300mm (100x100mm Non glossy white paper)
Detecting target	Opaque material of Min.Φ16mm	Opaque material of Min.Φ60mm	Transparent, Translucent, Opaque materials
Hysteresis	—————		Max. 15% at detecting distance
Response time	Max. 20mS		
Power supply	24 to 240VAC±10%/50/60Hz, 24 to 240VDC±10%(Ripple P-P:Max10%)		
Sensitivity	—————		Adjustable by VR
Operating	Selectable Light ON/D or Dark ON by slide switch		
Control output	Relay contact output	Capacity: 30VDC 3A Resistive load, 250VAC 3A Resistive load	
		Contact order 1C	
Protection circuit	—————		
Protection	IP50 (IEC Standard)		
Material	ase: ABS, Lens cover: Acryl, LensAcryl		
Cable	Φ6.0mm 5P Length 2m (Emitter of through-beam type:Φ6.0mm,2P,length:2m)		