

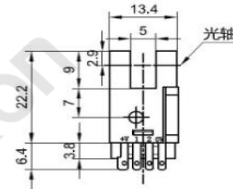
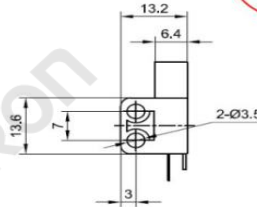
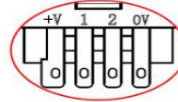
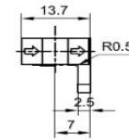


CE

Dimension

端子配置

+V	VCC
1	入光時 ON
2	遮光時 ON
0V	GND



CAD数据

Model

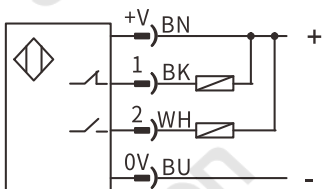
GE-SR677BE-Y
GE-SR677CE-Y

Product Features

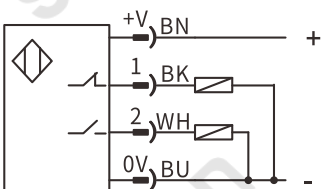
- Through beam
- Fast Response, High Frequency
- IEC IP50

Connection

NPN



PNP



Technical parameters

Sensing method		Through beam
Model	NPN	GE-SR677BE-Y
	PNP	GE-SR677CE-Y
Output mode		Light-ON+Dark-ON
Sensing distance		Slot Width: 5mm
Standard target		> 1.2*0.8mm (Opaque object)
Light souroe		940nm infrared light
Differential		<0.05mm
Repeat accuracy		<0.01mm
Supply power		< 5-24V DC±10%
Residual Voltage		< 1V (Load Current: ≤50mA)
Curent consumption		<15mA
Load Current		≤50mA
Circuit protection	Power reverse indirection connection protection, short-circuit protection , Overload protection	
Response Frequency		> 1kHz
Indicator light		Output LED: red
Connection		connector type
Ambient temperature	Work:-25°C~+55°C Store:-30°C~+80°C(No dew condensation or icing allowde)	
Ambient humidity	Work: 5 ~85%RH, Store: 5 ~95%RH, (No dew condensation)	
Ambient illumination	Lx Sunlight :10,000, Lx lamplight:3,000Lx	
Anti-vibration		10~55HZ double-amplitude 1.5mmX,Y,Z 2H
Withstand voltage		1000VAC,50/60Hz 1min between current-caring parts and case
Insolution resistance		≥ 20 MΩ (500 VDC, terminals to housing)
Anti-impact		500m/S², X,Y,Z , directions for 3 times
Protection degree		IEC IP50
Material	Housing	PA+ABS
	Pin	Silver-Plated Copper