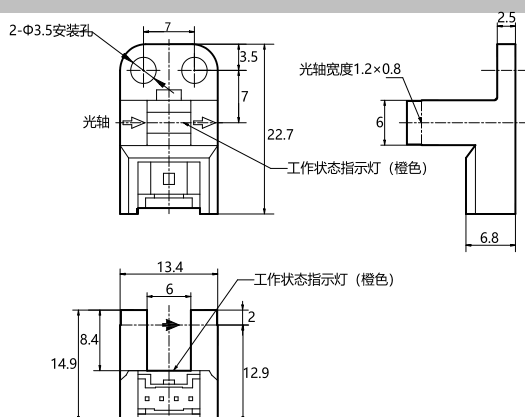


Dimension



CAD数据

端子No.	①	②	③	④
端子名称	+V	输出1	输出2	0V
导线颜色	棕色	黑色	白色	蓝色

Model

PU-Y68
PU-Y68P

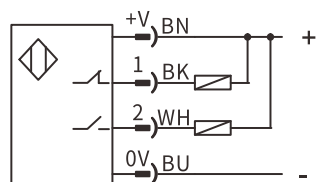
Technical parameters

Product Features

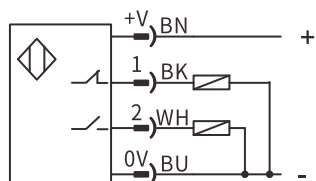
- Through beam
- Fast Response, High Frequency
- IEC IP40

Connection

NPN



PNP



Sensing method	Through beam
Model	NPN PU-Y68 PNP PU-Y68P
Output mode	Light-ON+Dark-ON
Sensing distance	Slot Width: 6mm
Standard target	> 1.2*0.8mm (Opaque object)
Light source	940nm infrared light
Differential	<0.05mm
Repeat accuracy	<0.01mm
Supply power	< 5-24V DC±10%
Residual Voltage	< 1V (Load Current: ≤50mA)
Current consumption	<15mA
Load Current	≤50mA
Circuit protection	Power reverse indirection connection protection, short-circuit protection, Overload protection
Response Frequency	> 1kHz
Indicator light	Output LED: orange
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 ilumination	Lx Sunlight :10,000Lx 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 IP40
Material	Housing PBT Display Cover Polycarbonate (PC)