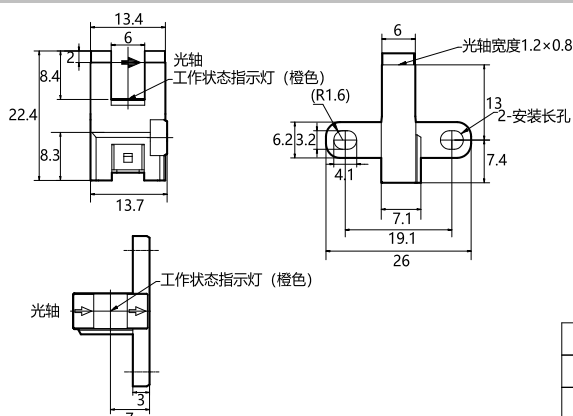


Dimension



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-L68
PU-L68P

Technical parameters

Sensing method Through beam

Model	NPN	PU-L68
	PNP	PU-L68P

Output mode Light-ON+Dark-ON

Product Features

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

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%

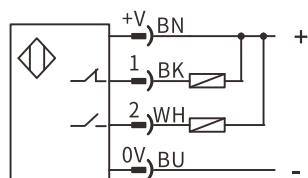
Residual Voltage < 1V (Load Current: ≤50mA)

Current consumption <15mA

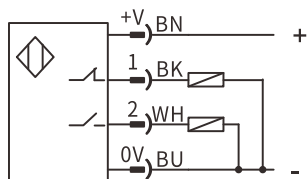
Load Current ≤50mA

Connection

NPN



PNP



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 illumination 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

Insulation 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)