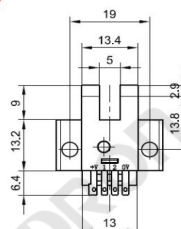
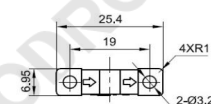
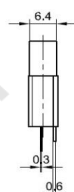
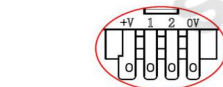




Dimension

端子配置

+V	VCC
1	入光时 ON
2	遮光时 ON
0V	GND



CAD数据

Model

GE-SX670BE-Y
GE-SX670CE-Y

Technical parameters

Sensing method Through beam

Model NPN GE-SX670BE-Y
PNP GE-SX670CE-Y

Output mode Light-ON+Dark-ON

Product Features

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

Sensing distance Slot Width: 5mm

Standard target $> 1.2 \times 0.8 \text{mm}$ (Opaque object)

Light source 940nm infrared light

Differential $< 0.05 \text{mm}$

Repeat accuracy $< 0.01 \text{mm}$

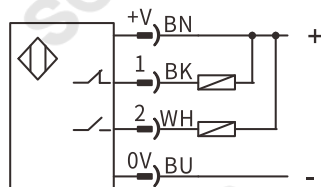
Supply power $< 5\text{-}24 \text{V DC} \pm 10\%$

Residual Voltage $< 1 \text{V}$ (Load Current: $\leq 50 \text{mA}$)

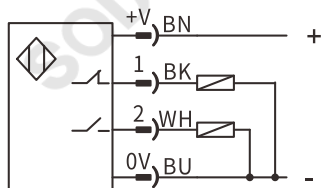
Curent consumption $< 15 \text{mA}$

接线方式

NPN



PNP



Load Current $\leq 50 \text{mA}$

Circuit protection Power reverse indirection connection protection, short-circuit protection, Overload protection

Response Frequency $> 1 \text{kHz}$

Indicator light Output LED: red

Connection Connector type

Ambient temperature Work: $-25^{\circ}\text{C} \sim +55^{\circ}\text{C}$ Store: $-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$ (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 $\geq 20 \text{ M}\Omega$ (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