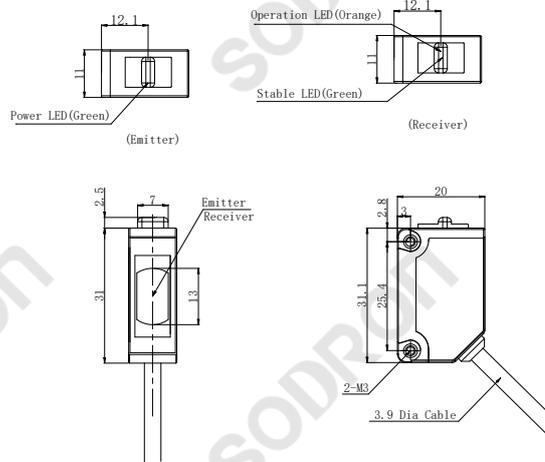




## Dimension

CAD数据



## Model

PF31-T10BNO(E)  
PF31-T10BNC(E)  
PF31-T10BPO(E)  
PF31-T10BPC(E)

## Technical parameters

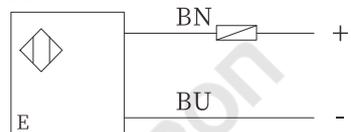
Sensing method	Through beam		
Model	NPN	PF31-T10BNO(E)	PF31-T10BNC(E)
	PNP	PF31-T10BPO(E)	PF31-T10BPC(E)
Sensing distance	10m		
Standard target	> Φ15mm (Opaque object)		
Output mode	Dark ON		Light ON
Light source	850nm infrared light		
Supply power	DC 12 ~ 24V ±10% , impulse (P-P) < 10%		
Directivity Angle	3~15°		
Residual Voltage	< 2V (Load Current: ≤100mA)		
Curent consumption	< 15mA		
Load Current	≤100mA		
Circuit protection	Power reverse indirection connection protection, short-circuit protection		
Response time	< 0.5ms		
Indicator light	Output LED: Orange LED、Power/stable: Green LED		
Connection	Cable 2m		
Ambient temperature	Work: -25 ~ +55°C; Store: -30 ~ +70°C ((No dew condensation or icing allowde)		
Ambient humidity	Work: 35 ~ 85%RH, Store: 35 ~ 95%RH, (No dew condensation)		
Ambient illumination	Sunlight :10,000Lx, lamplight:3,000Lx		
Withstand Voltage	1000 VAC, 50/60 Hz, 1 min.		
Insulation resistance	> 20MΩ (DC500V megger) between current-carrying parts and case		
Anti-vibration	10~55HZ double-amplitude 1.5mmX,Y,Z 2H		
Anti-impact	500m/S² X, Y,Z , directions for 3 times		
Protection degree	IEC IP67		
Material	Housing	PBT	
	Lens	PMMA	

## Product Features

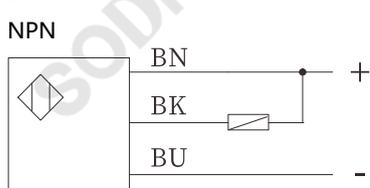
- Through beam, 850nm infrared light
- ASIC, Fast Response, High Frequency
- IEC IP67

## Connection

发射器



接收器



PNP

