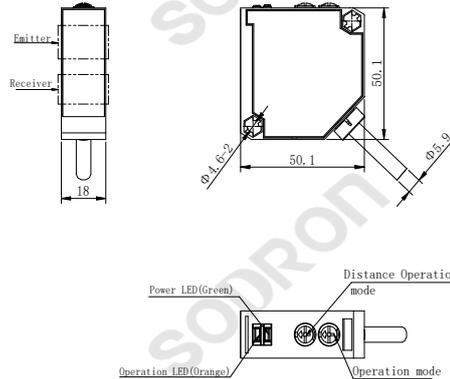
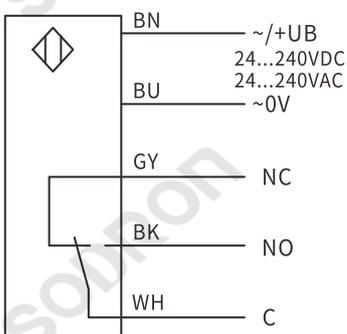


**Dimensions****Model**

PF50V-D025EJSR

**Product features**

- AC/DC power supply compatible
- Adopts visible red LED
- Relay contact output
- Relay contact output

**Connection****Technical parameters**

Detection method	Diffuse reflective type
Model	PF50V-D025EJSR
Detection distance	2.5m (300×300 mm detection white board)
Hysteresis	≤ 20% of the detection distance
Output method	Relay Output
Output state	NO+NC
Light source	Red LED 620nm
Power supply voltage	DC24~240V±10%, Ripple(p-p)≤10% AC24~240V±10% 50/60Hz
Power	DC/AC: < 2W
Control output rating	Relay Output: 1c contact AC250V ≤ 3A (cosφ=1), DC5V ≥ 10mA
Relay life (Mechanical)	≥ 50 million operations (18,000 cycles/h) ≥ 100,000 operations (1,800 cycles/h)
Response time	< 20ms
Sensitivity adjustment	Unidirectional knob
Indicator lights	Power: Green LED, Operation: Orange LED
Connection method	5-core PVC Cable(2m)
Ambient temperature	Work:-25°C~+55°C; Store: -30°C~+70°C, (No dew condensation or icing allowed)
Ambient humidity	Work: 45~85%RH; Store:35~95%RH, (No dew condensation)
Ambient illumination	Sunlight: < 10000Lx, lamplight: < 3000Lx
Insulation resistance	> 20MΩ (DC500V megger)
Withstand voltage	1500VAC, 50/60Hz, 1 min.
Vibration resistance	10~55Hz double-amplitude 1.5mmX,Y,Z 2h
Shock resistance	500m/s <sup>2</sup> X,Y,Z , directions for 3 times
Protection class	IEC IP65
Material	Housing: ABS+PC Lens: PMMA