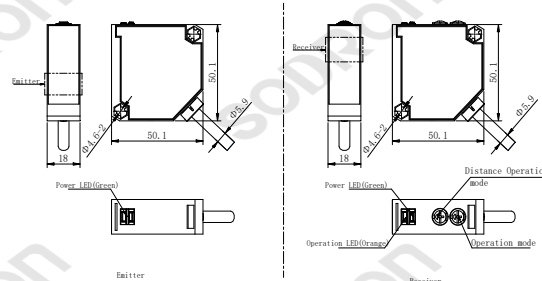
**Dimensions**

Model	Technical parameters	
PF50V-T40EJR(E)	Detection method	Through-beam Type
	Model	PF50V-T40EJR(E)
<b>Product features</b>	Detection distance	40m
	Standard detection object	≥ Φ15mm(Opaque object )
	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
	Beam angle	Emitter & Receiver: ≥ 3° each
	Power consumption	DC/AC: ≤ 3W (Emitter:1.5W, Receiver:1.5W)
<b>Connection</b>	Control output rating	Relay Output: 1c contact AC250V ≤ 3A (cosφ=1), DC5V ≥ 10mA
Emitter	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	PVC Cable(2m) (Emitter: 2-core cable, Receiver: 5-core cable)
	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,1min
	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
Receiver	Material	Housing: ABS+PC Lens: PMMA

