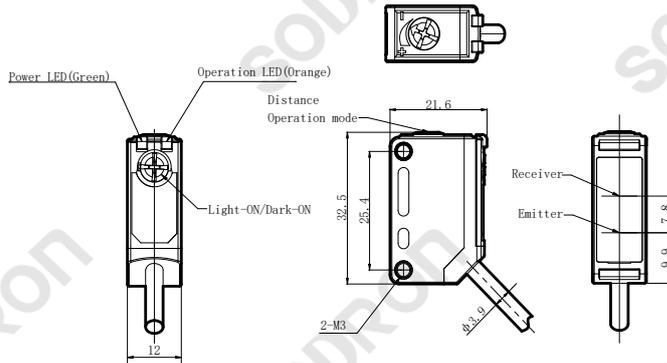




**Dimension**



Model	Technical parameters	
	Sensing method	Adjustable Distance Reflective Type
PF31V-B20BNSS-E PF31V-B20BPSS-E	Model	NPN PF31V-B20BNSS-E PNP PF31V-B20BPSS-E
	Sensing distance	15 ~ 200mm
<b>Product Features</b>	Standard target	White paper100*100mm
	•With background suppression function •Red light, Point light source	Reflectivity characteristic
<b>Connection</b>	Output mode	Light ON/Dark ON adjustable
	Light source	Red LED 620nm
NPN	Supply power	DC 12 ~ 24V ±10% impulse(P-P) < 10%
	Residual Voltage	2V max(Load current ≤ 100mA)
PNP	Curent consumption	< 25mA
	Load Current	≤ 100mA
Circuit protection	Reverse connection protection	Reverse connection protection, Short circuit protection
	Response time	< 1ms
Distance setting		5-turnedendless adjuster
Indicator light		Output: OrangeLED 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		1000V AC, 50/60Hz,1min ,between current-carring parts and case
Insolution resistance		> 20MΩ (DC500V megger) between current-carring 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 IP65
Material	Housing	PBT
	Lens	PMMA

**Product Spot Dimension Drawing**

