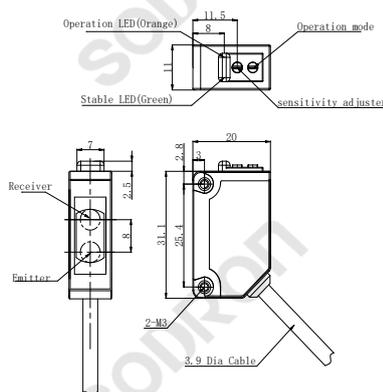




**Dimension**



Model	Technical parameters	
	Sensing method	Diffuse Reflective Type
PF31V-D10BNS PF31V-D10BPS	Model	NPN PF31V-D10BNS PNP PF31V-D10BPS
	Sensing distance	10cm(Adjustable Distance)
<b>Product Features</b>	Standard target	100*100 Reflectivity 90% White Cardboard
	Output mode	Light ON/Dark ON adjustable
	Light source	Infrared light 850nm
<b>Connection</b>	Supply power	DC 12 ~ 24V ±10% impulse(P-P) < 10%
	Residual Voltage	2V max(Load current≤100mA)
	Curent consumption	< 20mA
	Load Current	≤100mA
	Circuit protection	Reverse connection protection , Short circuit protection
	Response time	<1ms
	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	
<b>Connection</b>	Withstand Voltage	1000VAC, 50/60Hz,1min , between current-carrying parts and case
	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
<b>Material</b>	Housing	PBT
	Lens	PMMA

