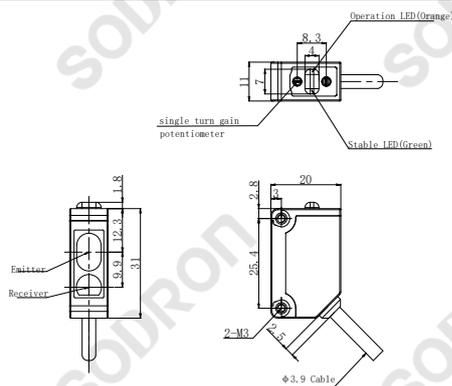




Dimension



Model	Technical parameters	
	Sensing method	Adjustable Distance Reflective Type
PF31V-B30BNSR PF31V-B30BPSR	Model	NPN PF31V-B30BNSR PNP PF31V-B30BPSR
	Sensing distance	30 ~ 300mm
Product Features	Standard target	White paper 100*100mm
	Reflectivity characteristic	20% of set distance max
	Output mode	Light ON/Dark ON adjustable
Connection	Light source	Red LED:620nm
	Supply power	DC 12 ~ 24V ±10% impulse(P-P) < 10%
NPN	Residual Voltage	2V max(Load current ≤ 100mA)
	Curent consumption	< 25mA
PNP	Load Current	≤ 100mA
	Circuit protection	Reverse connection protection, Short circuit protection
	Response time	< 1ms
	Distance setting	5-turned endless adjuster
	Detection Mode	Detection Mode Switching: Select BGS/FGS Functions
	Indicator light	Output: Orange LED 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-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 IP65
Material	Housing	PBT
	Lens	PMMA