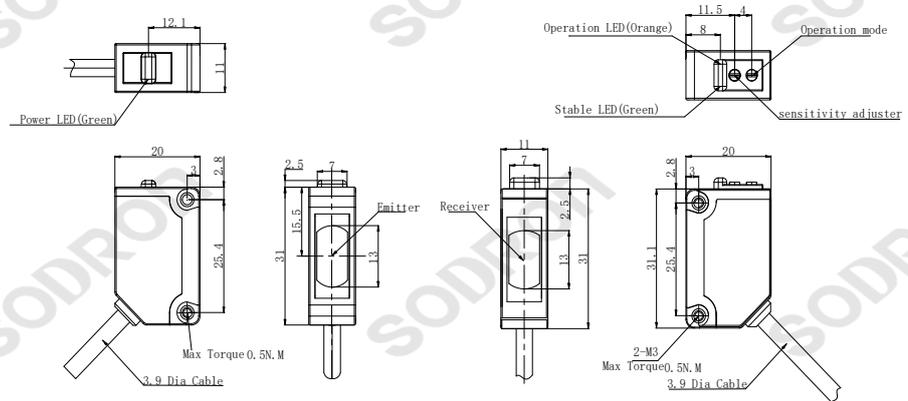




Dimension



Model	Technical parameters
PF31V-T10BNSL(E) PF31V-T10BPSL(E)	Sensing method Through beam
	Model NPN PF31V-T10BNSL(E) PNP PF31V-T10BPSL(E)
	Sensing distance 10m (Adjustable)
Product Features	Standard target > Φ10mm (Opaque object)
	Output mode Light-ON/Dark-ON (Adjustable)
	Light source Laser 650nm
	Supply power DC 12 ~ 24V ±10% , impulse (P-P) <10%
	Residual Voltage <2V (Load Current: ≤100mA)
	Current consumption Transmitter < 8 mA; Receiver < 8 mA
Connection	Load Current ≤100mA
	Circuit protection Power reverse indirection connection protection
	Response time <1ms
	Indicator light Output LED:Orange LED、Power/stable: Green LED
	Connection Cable 2m PVC
	Ambient temperature Work:-10 ~ +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 1000 VAC, 50/60 Hz, 1 min.
	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/S ² X, Y,Z , directions for 3 times
	Protection degree IEC IP67
Material	Housing PBT+ABS
	Lens PMMA

