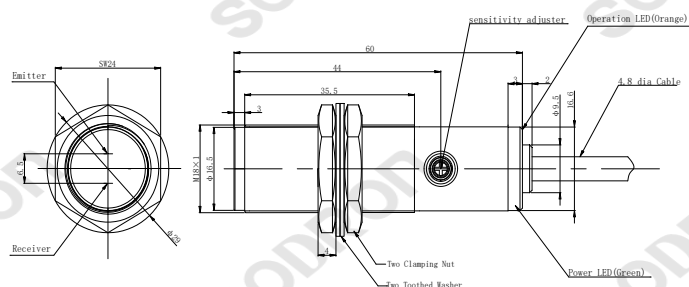




Dimensions



Model	Technical parameters		
PML18V-R05BNO PML18V-R05BNC PML18V-R05BPO PML18V-R05BPC	Retro reflection type		
	Detection method	Retro reflection type	
	Model	NPN PML18V-R05BNO	PML18V-R05BNC
		PNP PML18V-R05BPO	PML18V-R05BPC
	Sensing distance	3m(40X60mm Reflector)	
	Standard target	> Φ75mm (Opaque object)	
	Output mode	Dark-ON	Light-ON
	Light source	infrared light 850nm	
	Supply power	DC 12~24V ±10% , impulse (P-P) <10%	
	Directivity angle	≥2°	
	Residual voltage	<2V (Load Current: ≤100mA)	
	Current consumption	<20mA	
	Load current	≤100mA	
	Circuit protection	Power reverse direction connection protection	
	Response time	<2ms	
	Indicator light	Output LED: Orange LED Power/stable: Green LED	
	Connection	Cable 2m (PVC)	
	Ambient temperature	Work: -10~+55°C; Store: -25~+70°C, (No dew condensation or icing allowed)	
	Ambient humidity	Work: 35~85%RH, Store: 35~95%RH, (No dew condensation)	
	Ambient illumination	Sunlight: <10,000Lx lamplight:<3,000Lx	
	Withstand voltage	1000VAC, 50/60Hz,1 min.between current-carrying parts and case	
	Insolation resistance	>20MΩ (DC500V megger) between current-carrying parts and case	
	Anti-vibration	10~55Hz double-amplitude 1.5mmX,Y,Z 2h	
	Impact resistance	500 m/s ² (X, Y, Z directions, 3 times)	
	Protection degree	IEC IP67	
	Housing	Nickel-copper alloy	
	Material	Lens	PMMA
		Rear	PC

Connection

