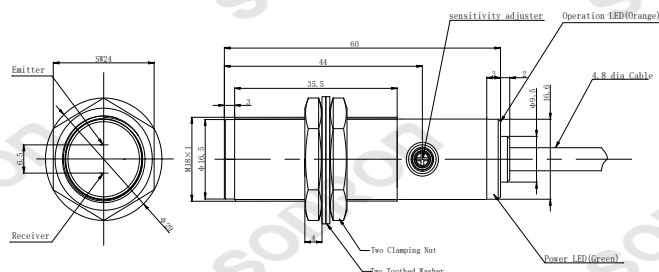




Dimensions



Model

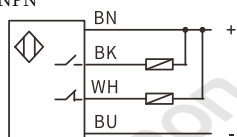
PML18V-D□B□A

Technical parameters

Detection method	Diffuse reflection		
Model	NPN PML18V-D10BNA	PML18V-D20BNA	PML18V-D50BNA
	PNP PML18V-D10BPA	PML18V-D20BPA	PML18V-D50BPA
Sensing distance	10cm (Distance Adjustable)	20cm (Distance Adjustable)	50cm (Distance Adjustable)
Standard target	White paper with 90% reflectivity (100*100mm) (200*200mm)		
Output mode	Light-ON+Dark-ON		
Light source	Infrared light 850nm		
Supply power	DC 12~24V ±10% , impulse (P-P) < 10%		
Residual voltage	< 2V (Load Current: ≤100mA)		
Current consumption	< 20mA		
Load current	≤100mA		
Circuit protection	Power reverse direction connection protection		
Response time	< 10ms		
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		
Insulation 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		
Material	Housing	Monel alloy	
	Lens	PMMA	

Connection

NPN



PNP

