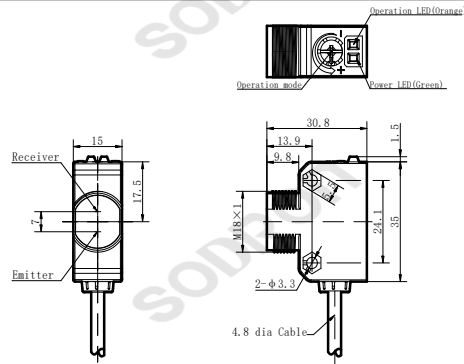




Dimensions



Model	Technical parameters	
PT18V-R03B□WR	Detection method	Retro reflection
	Model	NPN PT18V-R03BNWR PNP PT18V-R03BPWR
Product features	Sensing distance	3m(Reflector 40X60mm)
	Standard sensing object	≥Φ75mm (Opaque object)
<ul style="list-style-type: none"> • Retroreflective type, with M.S.R function • Detection distance adjustable • IEC IP65 	Output mode	Light-ON/Dark-ON Wire Switching
	Light source	Red LED 620nm
Connection	Power supply voltage	DC 12~24V ±10% , impulse (P-P) <10%
	Directivity angle	≥2°
NPN	Residual voltage	<2V (Load Current: ≤100mA)
	Current consumption	<20mA
	Load current	≤100mA
	Circuit protection	Power reverse direction connection protection
PNP	Response time	<1ms
	Indicator light	Output LED: Orange LED Power/stable: Green LED
	Connection	Cable 2m (PVC)
	Ambient temperature	Work: -25 ~ +55°C; Store: -40 ~ +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 lamp light: <3,000lx
	Withstand voltage	1000 VAC, 50/60 Hz, 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 IP65
	Housing	PBT+ABS
Material	Lens Holder	ABS
	Lens	PMMA