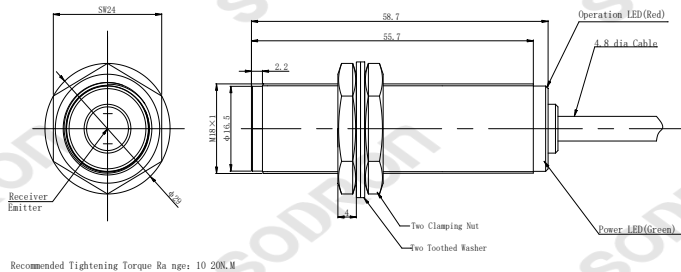


**Dimensions****Model**

PML18-T□B□□(E)

Technical parameters

Detection method Through beam

Model	NPN	PML18-T10BNO(E)	PML18-T20BNO(E)	PML18-T10BNC(E)	PML18-T20BNC(E)
	PNP	PML18-T10BPO(E)	PML18-T20BPO(E)	PML18-T10BPC(E)	PML18-T20BPC(E)

Sensing distance 10m 20m 10m 20m

Standard target > Φ20mm (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 ≥1°

Residual voltage < 2V (Load current: ≤100mA)

Current consumption Transmitter < 20mA; Receiver < 20mA

Load current ≤100mA

Circuit protection Power reverse direction connection protection

Response time < 20ms

Indicator light Output LED: Red 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 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/s² (X, Y, Z directions, 3 times)

Protection degree IEC IP67

Material Housing Brass with nickel plating
Lens PMMA**Connection**