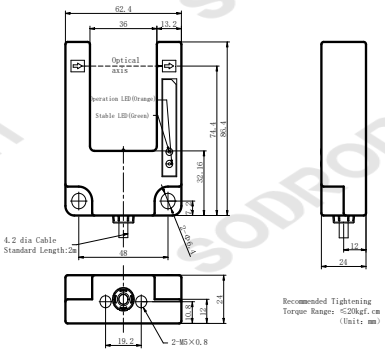
Dimension



Model

GE30-BNW

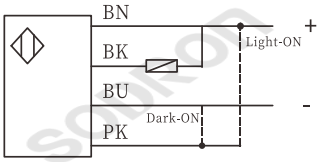
GE30-BPW

Product features

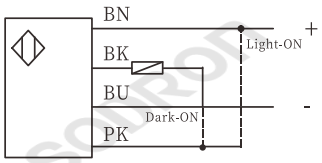
- Through beam、850nm infrared light
- Fast response，High frequency
- IEC IP65

Connection

NPN：



PNP：



Technical parameters

Detection method	Through beam	
Sensing distance	Slot Width: 30mm	
Model	GE30-BNW	GE30-BPW
Output mode	NPN	PNP
Output state	Light-ON 、Dark-ON（Adjust by pink wire）	
Standard target	＞φ4mm（Opaque object）	
Light source	850nm infrared light	
Supply power	12 to 24V DC±10% impulse P-P 10% or less	
Residual voltage	＜2V (Load Current：≤100mA)	
Current consumption	≤30mA	
Load current	≤100mA	
Circuit protection	Reverse polarity connection protection, short-circuit protection ， overload protection	
Response time	<1ms	
Indicator light	Output LED：red、Power & Stability Indicator: Green LED	
Connection	Cable 2m PVC （4 Pin）	
Ambient illumination	Sunlight :10,000Lx lamplight:3,000Lx	
Ambient temperature	Work:-25℃～+55℃ ， Store:-30℃～＋80℃(No dew condensation or icing allowed)	
Ambient humidity	Work：5～85%RH，Store：5～95%RH， （No dew condensation）	
Withstand voltage	1000VAC,50/60Hz 1min between current-carring parts and case	
Insulation resistance	＞20MΩ（DC500 MΩ Meter）	
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 IP65	
Material Housing	PBT+ABS	
Material Cover	PC	
Material Lens	PC	