

ESB Series

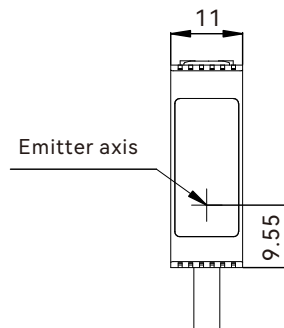
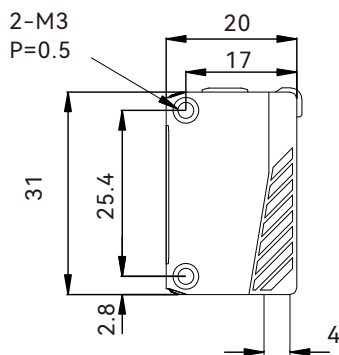


NEW!

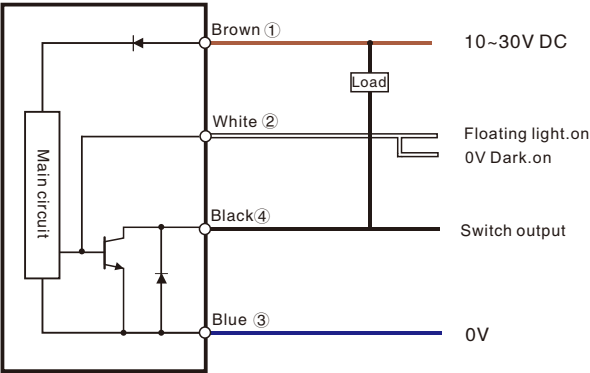
Sensing type	Diffuse reflection-Background suppression	
Sensing distance	2~300mm(White matte paper)	
Setting distance	30~300mm	
Spot size	6mm/300mm	
Hysteresis	≤5%	
Output type	NPN/PNP Open-collector	
Switch type	L.on/D.on switchable	
Indicators	Power:green;Motion indicator:red	
Response time	≤1ms	
Sensitivity adjustment	6 turns adjuster	
Light source	Red LED 660nm(modulation)	
Supply voltage	10~30V DC	
Residual voltage	<1.5V	
Current consumption	≤25mA	
Load current	100mA	
Circuit protection	Power reverse polarity protection/surge protection/short circuit protection	
Installation in parallel	Supported	
Insulation resistance	20M Ω	
Ambient illuminance	Sunlight ≤10,000 lux, incandescent lamp ≤3,000 lux	
Ambient temperature	Working temperature: -25℃~+55℃, no freezing; storage: -30℃~+70℃	
Ambient humidity	Work: 35%~85% RH; storage: 35%~95% RH,; no condensation	
Degree of protection	IP67	
Connection	Φ4 mm, 2 m 4 wire cable	
Material	PBT+Glass fiber(housing); PMMA(lens)	
Accessories	Screwdriver	
Model No.	NPN	ESB-BS30N
	PNP	ESB-BS30P

Dimensions

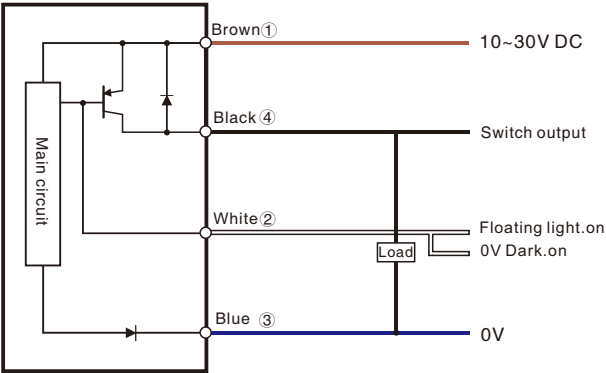
Unit: mm



NPN Output



PNP Output



Fiber Optic
Slot Sensors
Photoelectric
Laser
Proximity
Displacement
Magnetic
Contact
Area
Ultrasonic
Vision
Code Readers
Vibration
Temperature
Accessories

Guidance
Photoelectric
Cylindrical
Square
Flat type
Thin type
BGS
Transparent detection
Color/Mark Detection
TOF type
IP69K high protection type
Anti-glare type
IO-Link type
Reflectors