

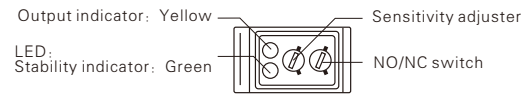
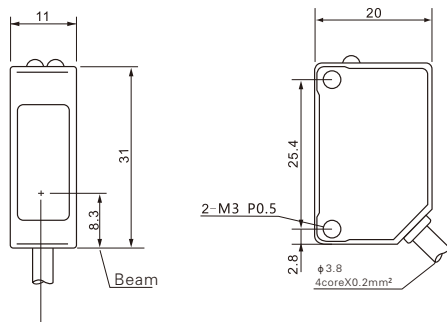


Appearance

Type	Long distance type	Short distance type	
Sensing type	Diffuse reflection		
Set distance	50~300mm	20~100mm	
Sensing distance	10~300mm	5~100mm	
Beam size	φ 1.5mm/300mm	φ 1mm/100mm	
Switch type	Selectable L.on/D.on		
Indicator	Laser indicator: Green; Output indicator: Yellow		
Response time	0.3 ms		
Sensitivity adjustment	4 turns rotational knob		
Light source	Laser (650nm)		
Laser class	Class1		
Operating voltage	10~30V DC ± 10%		
No-load supply current	≤30mA		
Ambient temperature	-10℃~+50℃, No freezing		
Ambient humidity	35%~85% RH, No coagulating		
Impact resistance	50G(500m/s²)		
Degree of protection	IP67		
Material	Abs contains optic fiber (body;) PMMA (lens)		
Model No.	NPN	LS-BG30N	LS-BG10N
	PNP	LS-BG30P	LS-BG10P

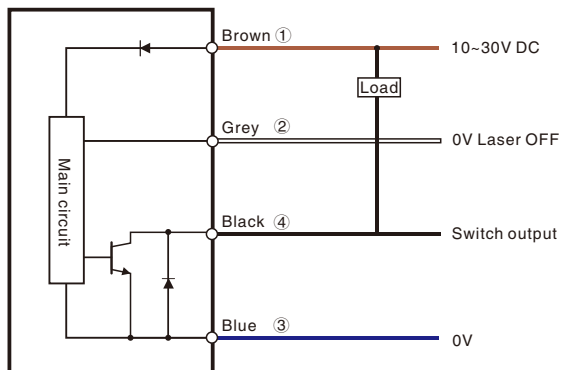
Dimensions

Unit: mm



Circuit diagram

NPN Output



PNP Output

