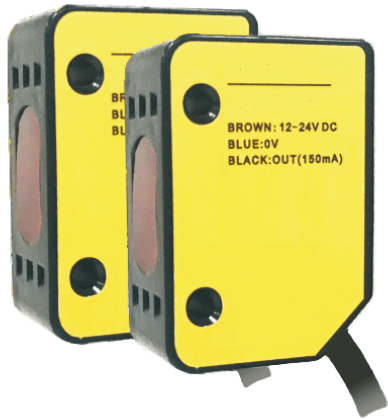


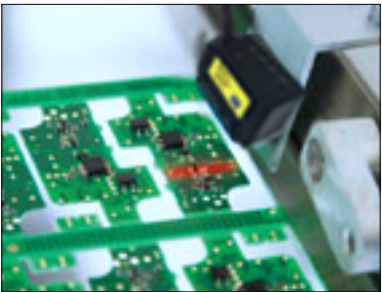
Line scan proximity photoelectric sensor V5ZL-BG series



Highlights

- Line spot special design, suitable for detecting PCB on conveyor belt;
- Point spot, suitable for long range detection;
- 50μs high reaction speed
- Delay function
- Simple calibration process
- Line spot and point spot series;

Application




Line spot to ignore the gap of PCB



Line scan detects transparent screen saver

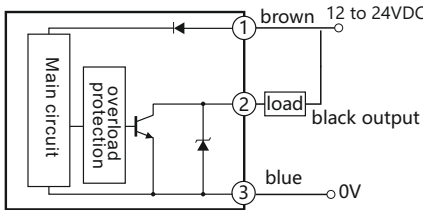


Product parameters

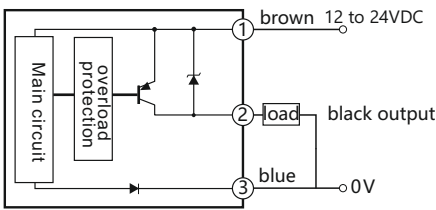
Appearance			
	NPN	V5ZL-BG150N(line spot)	V5ZL-BG1000N(point spot)
	PNP	V5ZL-BG150P(linet spot)	V5ZL-BG1000P(point spot)
One output port			
Red LED			
0.5ms			
LIGHT-ON/DARK-ON			
Digital display, preset value (4-digit red LED), current value (4-digit red LED). The current value is displayed after power on, and the current value range is 4089			
Light intensity			
Turn off the delay timer and turn on the delay timer. Turn off the single time delay timer and turn on the single time delay timer. Delay time can be selected: 1-9999ms			
Collector open circuit 24 V, max 100mA.			
12-24VDC ± 10%, Ripple P-P 10% or less.			
Incandescent lamp: Acceptance surface illuminance 3,000lx or less			
Standard mode Max. 0.5W (24VDC)			
10-55 Hz, dual amplitude. 1.5 mm, X.Y.Z axis for 2 hours			
500 m/s ² , each 3 times for X/Y/Z axis			
10-55°C no freezing			
Polycarbonate			
35-85% RH No condensing			
Approx.. 53g (with 2M cable)			

Input/Output circuit

NPN



PNP



Dimension

V5ZL-DL150 / V5ZL-D1000

