



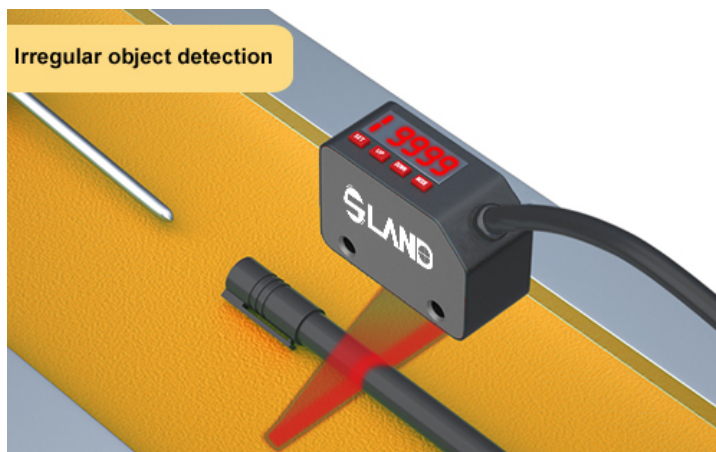
**SL-LR150 Irregular objects sensor**

High accuracy diffuse photoelectric sensor SL-LR150 series, rectangular light spot visible red light, Irregular objects sensor

The sensor with digital display, counter function and delay function supported, N.O. and N.O. switchtable.

**Detailed description**

1. Rectangular shape light spot;
2. Background suppression, One key setting;
3. 100mm length rectangular light spot at 70mm distance;
4. Delay outputs supported, N.O.or N.C. switchtable.



**Models Guide:**

Sensing Type	Connecting	Sensing Range	Outputs	Models
	2M cable type	150mm, visible light	NPN.NO.NC	SL-LR1150N
			PNP.NO.NC	SL-LR1150P

PS: with "N" mean NPN.NO.NC, with "P" mean PNP.NO.NC

**Specifications:**

Models	SL-LR1150N	SL-LR1150P
Sensing range	150mm	
Standare sensing objects	2mm target @ 70mm sensing distance	
	5mm target @ 150mm sensing distance	
Light source	Red LED	
Response time	0.5ms	

Operating voltage	12~24VDC (P-P±10% Max)	
Screen	Single digital display, 4-numbers red LED showed current light value; Value range: 0-4089	
Output delay function	Delay ON/OFF; Counter ON/OFF; 0.1ms-9,999ms setting range.	
Control outputs	Max. 100mA @ 24VDC	
Working environment	Incandescent lamp: 30,000Lux Daylight: 20,000Lux	
Power loss	Max. 0.5W @ 24VDC	
Operating environment	Working: -25~ ±55 °C , storage: -40~ ±70 °C, no icing/dew	
	Working: 35~ 85% RH , storage: 35~ 95% RH	
Insulating resistance	20MΩ min. (DC500V)	
Vibration	10-55Hz double-amplitude, 1.5mm X, Y, Z each directions last for 2 hours	
Impact	Endurance	500m/s <sup>2</sup> X, Y, Z each directions three times
Protecting	IEC-IP65	
Material	Housing	PBT
	Sensing surface	--
Weight	approx. 53g included 2M cable	
Accessories	--	

