

Product features

Easy to set up and adjust distance.

Short-circuit protection, reverse polarity protection.

Cable and connector connection optional.

Stainless steel housing, strong and durable. Plastic housing, economical and easy to install

Light on/dark on conversion function.

Built-in power supply, AC, DC or AC/DC universal Power supply.

Relay output, capacity up to 250VAC*3A.



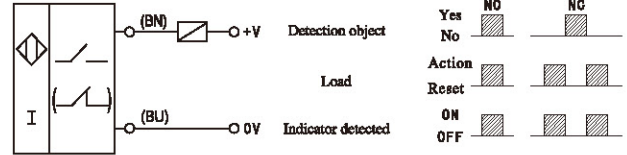
Model specification

specification	Menuting	Output	Through-beam type	Retro-reflective type	Diffuse-reflective type		
	2M lead wire type	NPN		LET18P-1000014A	LET18D-10014A	LES300D-20014A	LET18D-50014A
		PNP		LET18P-1000018A	LET18D-10018A	LES300D-20018A	LET18D-50018A
semi-pluggable (30cm)	NPN		LET18P-1000014C	LET18D-10014C	LES300D-20014C	LET18D-50014C	
	PNP		LET18P-1000018C	LET18D-10018C	LES300D-20018C	LET18D-50018C	
Sensing distance			10m	2m	10cm(white paper 100X100mm)	50cm(white paper 300X300mm)	
Standard detected object			Min φ 12mm Opaque objects	Min φ 55mm Opaque objects	/		
Power voltage			DC12-24V ± 10% ripple wave (P-P) Max10%				
Movement differential			/		Max.20% of sensing distance		
Light source (light emitting wavelength)			Infrared light emitting diode 850 nm				
Control output			200mA (receive light ON cover light ON)				
Current consumption			Max 45mA(emitter Max 25mA, receiver 20mA Max)	30mA Max			
Protective circuit			The power supply circuit protection reverse polarity protection and transient over-voltage protection				
Response time			action reset each max 2ms	action reset each max 1ms			
Sensitivity adjustment			Single coil and single direction of rotation				
Residual voltage			1.5V Max				
LED Display			action yellow LED, power instructions greenLED				
Operating Temperature			Working: - 25~ + 70° C, Keeping: - 30~ + 80° C (NO icing NO condensation)				
Withstand voltage			AC1,000V 50/60Hz 1min between the whole and shell				
Vibration			1.5mm amplitude at frequency of 10 to 55Hz(for 1min.) in each of X,Y,Z directions for 2 hours"				
Protection class			IEC standard IP66,intracompany standard:oil resistant,temperature Resistance				
Texture	Housing	thermoplastic polyester					
	Lens face	Arylic					
Authentication			CCC CE				

Output mode and electrical characteristics

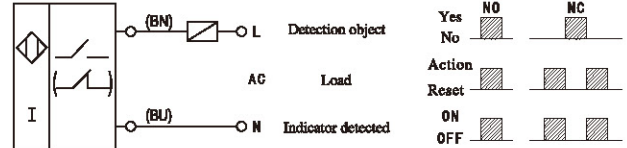
DC two-wire system NO or NC

The load must be connected in series in the sensor to work, there is a polarity and short circuit protection function; in the open circuit state, there is a very small leakage current; in the closed circuit, the switching element has a smaller voltage drop.



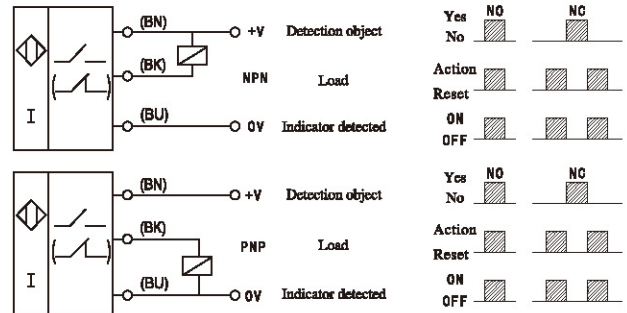
AC two-wire system NO or NC

The load must be connected in series in the sensor, in the closed circuit, the switching element has a smaller voltage drop.



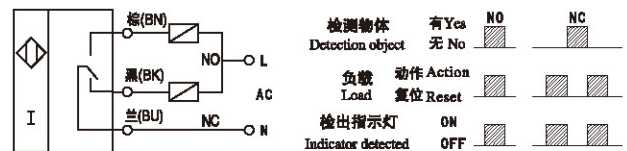
DC three-wire system(N,P type) NO or NC

These switches are connected to the load and power supply separately; the polarity, short circuit and overload protection function, and the residual current can be ignored.



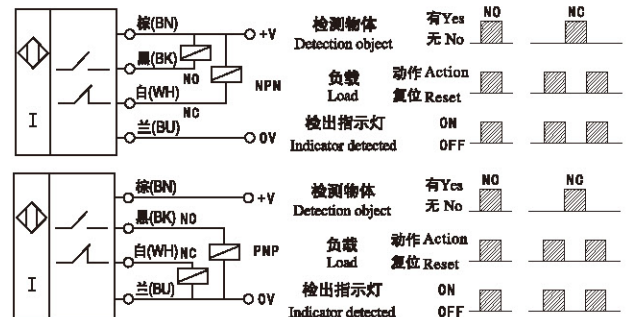
AC three-wire system NO+NC

The switches can provide two groups of output NO and NC



DC four-wire system(N,P type)NO plus NC

The switches can provide two groups of output NO and NC



AC/DC five wire(relay output)NO+NC

These switches can provide to often open,closed two group relay output.

