



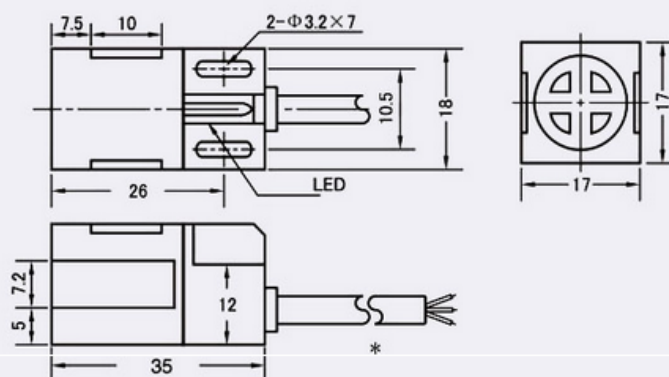
Sensing distance : 8MM, 5MM  
 NPN  
 Voltage : PNP  
 DC6-36V  
 AC90-250V  
 Thread diameter : M1.5



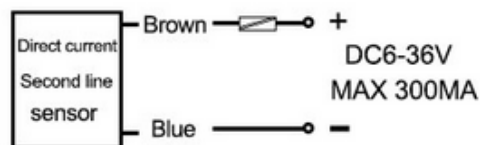
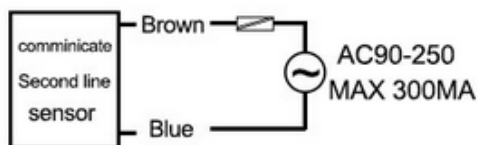
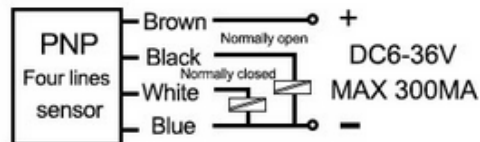
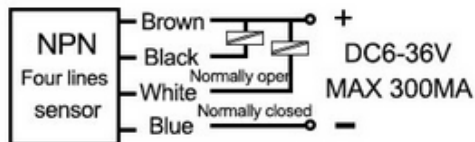
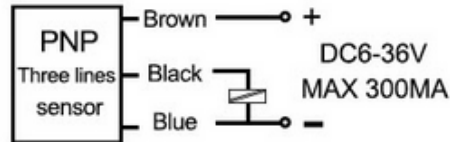
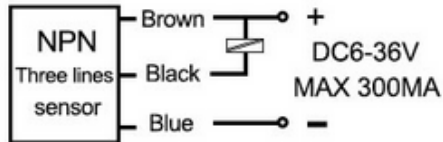
Бесконтактный переключатель с тремя проводами постоянного тока NPN PNP, нормально открытый, нормально замкнутый.

## Specification list

Installation method			5mm	8mm
DC 6 ~ 36 V	NPN	NO	PL-05N	PL-08N
		NC	PL-05N2	PL-08N2
		NO+NC		
	PNP	NO	PL-05P	PL-08P
		NC	PL-05P2	PL-08P2
		NO+NC		
AC90 ~ 250V	2 wire	NO	PL-05D1	PL-08D1
		NC	PL-05D2	PL-08D2
	2 wire	NO	PL-05Y1	PL-08Y1
		NC	PL-05Y2	PL-08Y2
		NO+NC		



# Proximity switch wiring diagram



## How to distinguish between normally open and normally closed

### Normally open

The normally open contact is always open when no metal object is sensed



The normally open contact is always on when a metal object is sensed



### Normally closed

When no metal object is sensed, the normally closed contact is always in the on state



When a metal object is sensed, the normally closed contact is always open



### Normally open + normally closed

The normally closed contact is in the closed state when no metal object is sensed, the normally open contact is in the open state



When a metal object is sensed, the normally closed contact is in the open state and the normally open contact is in the closed state



## Interpretation of the concepts of NPN and PNP

- 1** **NPN:** Represents a total of positive voltage, and outputs a negative voltage;  
**PNP:** Represents a total negative voltage, and outputs a positive voltage;

- 2** **NPN NO:** Indicates that it is normally open under normal conditions, and the black line outputs a negative voltage signal when an object is detected

- 3** **NPN NC:** Indicates that the black line is outputting a negative voltage signal under normal conditions. When an object is detected, the output signal is disconnected

- 4** **PNP NO:** Indicates that it is always open under normal conditions, and the black line outputs a positive voltage signal when an object is detected

- 5** **PNP NC:** Indicates that the black line under normal conditions is outputting a positive voltage signal. When an object is detected, the output signal is disconnected

## Flame retardant

### Flame retardant material

The shell material is made of PBT flame-resistant material, which is safer to use.



## Indicator light

### LED signal light

sensed, the light is normally on and the light is off as normally closed.



## wire

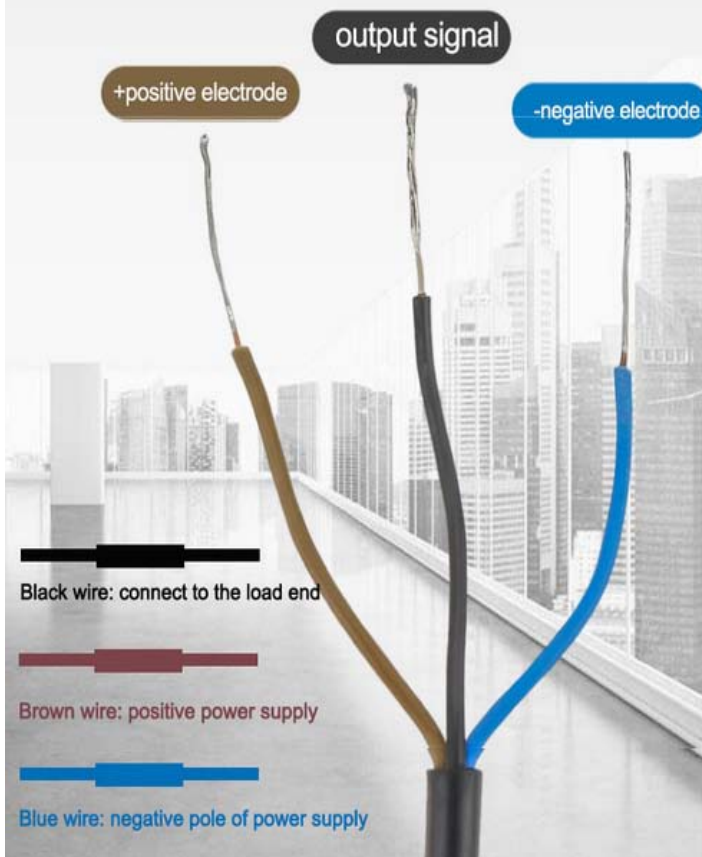
### Tinned wire

1.5M tinned wire has passed various index tests, and the wire has good performance.



## Pure copper flexible wire connection method

The wiring is clear, the color is clear, and the high-quality wire is selected



## Wide application scenarios

### Application scenario



Printing Industry



Express industry



Auto repair industry



The chemical industry