

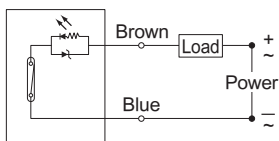


### Specification

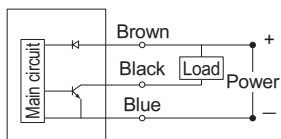
Type	LN09D	LN09DN	LN09DP
Wiring system	Two wire type	Three wire type	
Switching logic	SPST, Normally open	Solid state output, Normally open	
Sensor type	Reed switch	NPN Current sinking	PNP Current sourcing
Operating voltage	DC/AC 5 ~ 120V	DC/AC 5 ~ 30V	
Switching current	100mA max.	200mA max.	
Switching rating (P=V×I)	10W max.	6W max.	
Internal voltage	2.5V max.	0.5V @ 200mA max.	
Delay time	< 2 ms	< 1 ms	
Indicator lamp	Red LED		Green LED
Cable	φ 2.8 , 2C , PUR	φ 2.8 , 3C , PUR	
Temperature range	-10 ~ +70℃		
Enclosure classification	IEC 529 IP 67		
Protection circuit	None	Power source reverse polarity ; Surge suppression	

### Connect diagram

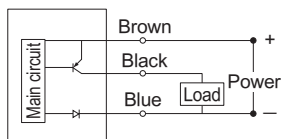
#### ● LN09D



#### ● LN09DN

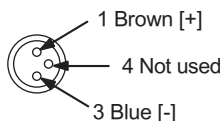


#### ● LN09DP

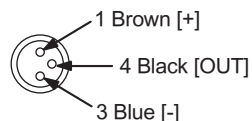


### Pinout

#### ● Two wire type

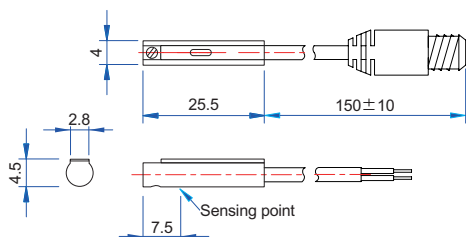


#### ● Three wire type



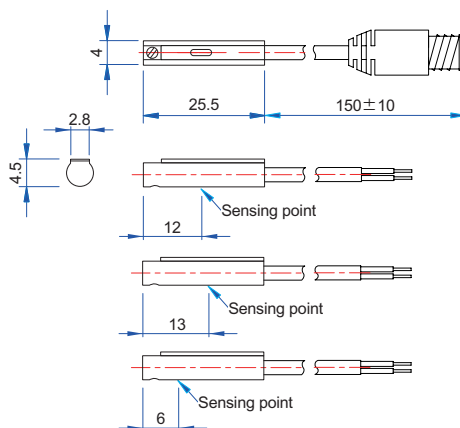
### LN09DN / LN09DP

#### Standard and Wiring / Dimension



### LN09D

#### Standard and wiring / Dimension



### Cylinder mode

D10G-1L、D10G-1M