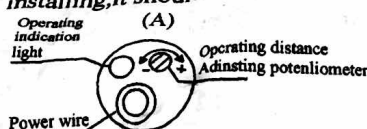


*Brown + Blue*

● The length of the leading wire of the proximity switch should be below 200m for fear that voltage drop is too big.

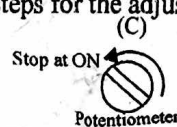
- Instruction for capacitance proximity switch
- The capacitance proximity switch can be used to check metal, as well as plastics, glass, water, oil and so on substances. Because the conductivity, water absorption and volume of all kind of detecting objects are different, the corresponding detection distances are different, too. the max detecting distance is available to the ground metal.
- Different detecting objects and detecting distances
- In order to avoid misoperation, the capacitance proximity switch is not suitable for installing near high frequency electric field, such as near high frequency welder, supersonic generator and so on. Ten operation distance of the capacitance proximity switch generally can be adjusted to adapt different detecting objects. Therefore, when installing, it should be adjusted. please refer to the following steps for the adjustment method :



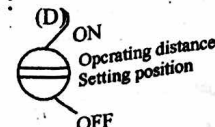
A. When the supersonic generator is rotated to the right, the detecting distance will enlarge and when it is rotated to the left, it will lessen. the adjustment revolution is 10 circles.



B. If without detecting object the potentiometer should be rotated slowly to the right do not stop until in the position of ON of the proximity switch.



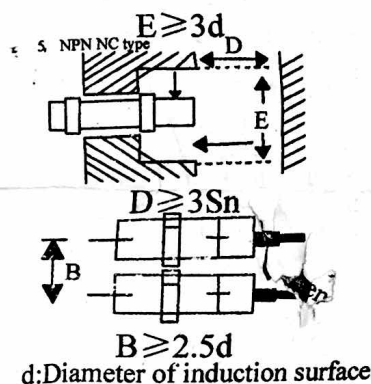
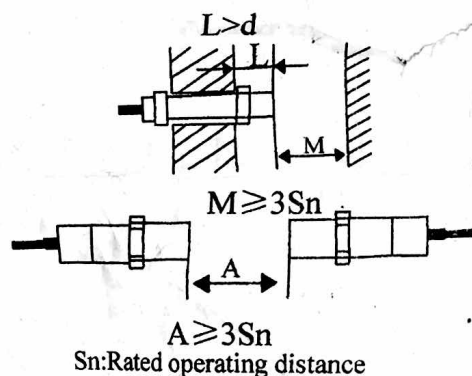
C. When colsing to the detecting object, the potentiometer should be rotated to the left; do not stop until in the position of OFF of the proximity switch.



D. Adjust the potentiometer between ON and OFF. At this time, the adjustment of operating distance is end.

#### ■ Installation demand

When installing the proximity switch, please install it larger than the diameter in the diagram if there is metal around of when the switch is placed opposite of parallel. so that the reliable operation will not be affected.



#### ■ Diagram of connection mode

