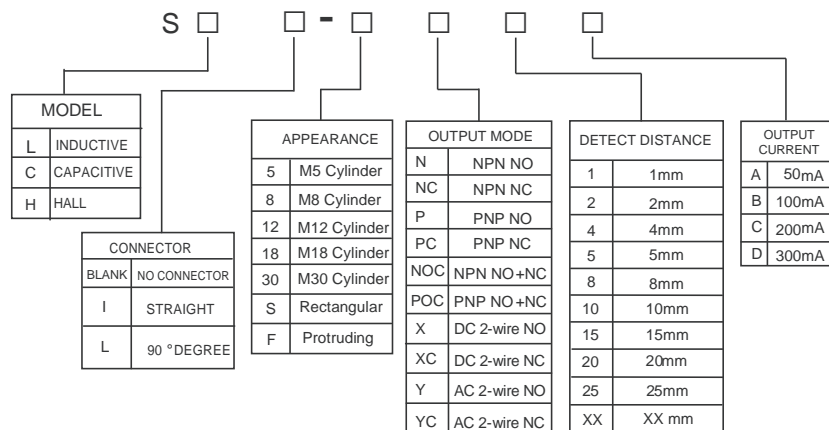


Dear clients, Thanks for choosing MYPIN proximity sensors! Before installing and operating the sensors, please read this instruction manual carefully. For any questions, please contact our sales people immediately.

1.FEATURES

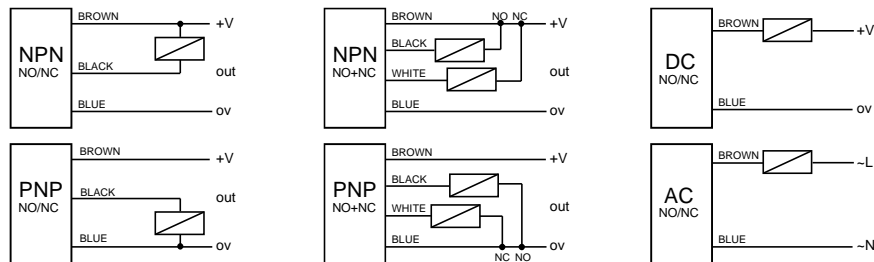
- Inductive and capacitive proximity sensor.
- Style: cylinder shape (M5, M8, M12, M18, M30); various rectangular types and pancake types.
- Shielded or unshielded type.
- DC 2-wire (10-30V DC), DC 3-wire(10-30V DC), DC 4-wire(10-30V DC),AC 2-wire (90-250 AC) type .
- Connection mode: 3 or 4 wires or 3 or 4 pin M8 or M12 connector.
- With LED operation indicator, easily identifiable.
- Brass nickle plated, proof of oil, water acid, alkaline.
- Standard sensing object: inductive sensor: ferrous metals; capacitive sensor: metal or non-metal objects.
- Protection rate: IP67, water resistant.
- Over-current and short circuit protection; polarity reversal protection.
- Widely applied in measuring, Counting, Rpm measuring in mechanism, chemical, paper manufacture light industry, etc

2.ORDERING CODE



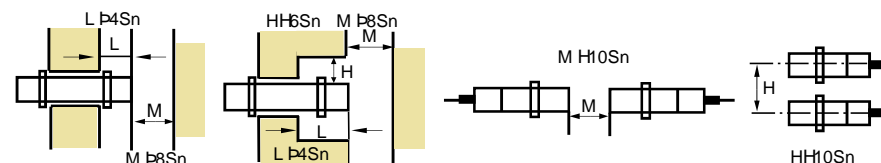
For special request of sensors (i.e.appearance,function), please indicate when order.

3.CONNECTION



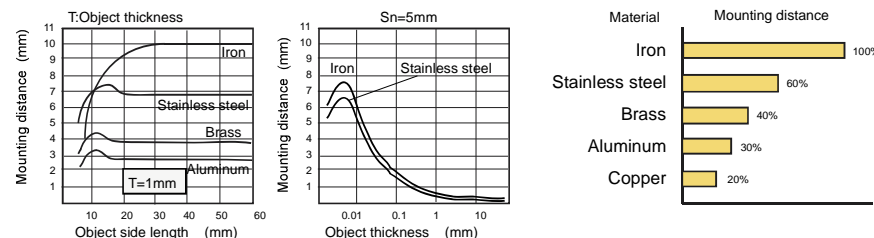
4.INSTALLATION DEMAND

If used in an area surrounded by metal or juxtaposed , Install the proximity Sensor as follows . (Sn Sensing distance)

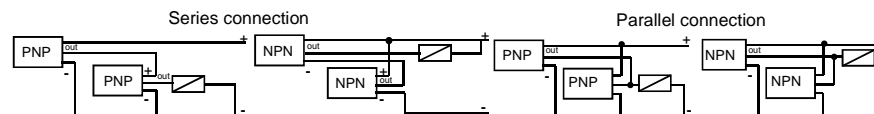


5.INDUCTIVE PROXIMITY APPLICATION DIRECTION

- You had better set mounting distance equal 80% sn.
- Please set mounting distance equals 50%sn,when sensor applies in measuring mounting frequency or operating in high speed circumstance.
- Mounting distance varies with measuring object(iron, stainless steel ,brass, copper and aluminum) .



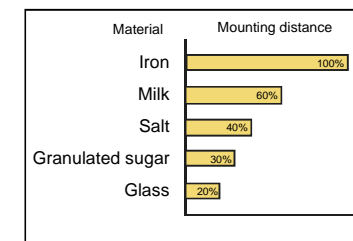
d.lps series connection and parallel connection



6.CAPACITIVE PROXIMITY SENSOR MOUNTING DISTANCE SETTING

- Capacitive proximity sensor can measure both metal and non-metal objects, such as iron, water, oil, glass,plastic....etc. The mounting distance varies with different objects because of different object conductivity, permittivity and water absorption. If the metal connects with ground(GND), the max. Mounting distance can be obtained.
- Different objects, the mounting distance is different, refer to F6.1
- The mounting distance of CPS Capacitive proximity sensor can be adjusted, and the mounting distance must be adjusted before installing, not after. Adjustment please refer to F6.2
- When operating, the capacitive proximity sensor should be far away from the high frequency electromagnetism circumstance, for example,supersonic wave emitter, high frequency welding machine..etc.

F6.1



F6.2



- Adjustor turns right Sn increases, turns left Sn decreases,the circle of Sn adjustor about ten
- Without object ,turn adjustor right to the on stop
- Approaching object, turn adjustor left to the off stop
- At last set the adjust in the middle of on and off position