

IPS-S40...



[Click to enlarge](#)

Code □ IPS-S40 □

Features □

- Inductive proximity sensor, style: 40×40×120mm
- DC 3-wire(10-30V DC), DC 4-wire(10-30V DC),AC 2-wire (90-250 AC) type
- Connection mode: 3 wires or 4 wires
- Mounting distance: 25mm
- With LED operation indicate lamp, easily identifiable
- Standard sensing object: iferrous metals;
- Material: ABS
- Protection rate: IP65
- Over-current protection and short circuit protection; against polarity reverse
- Widely applied in measuring, Counting, Rpm measuring in mechanism, chemical, paper manufacture light industry, etc

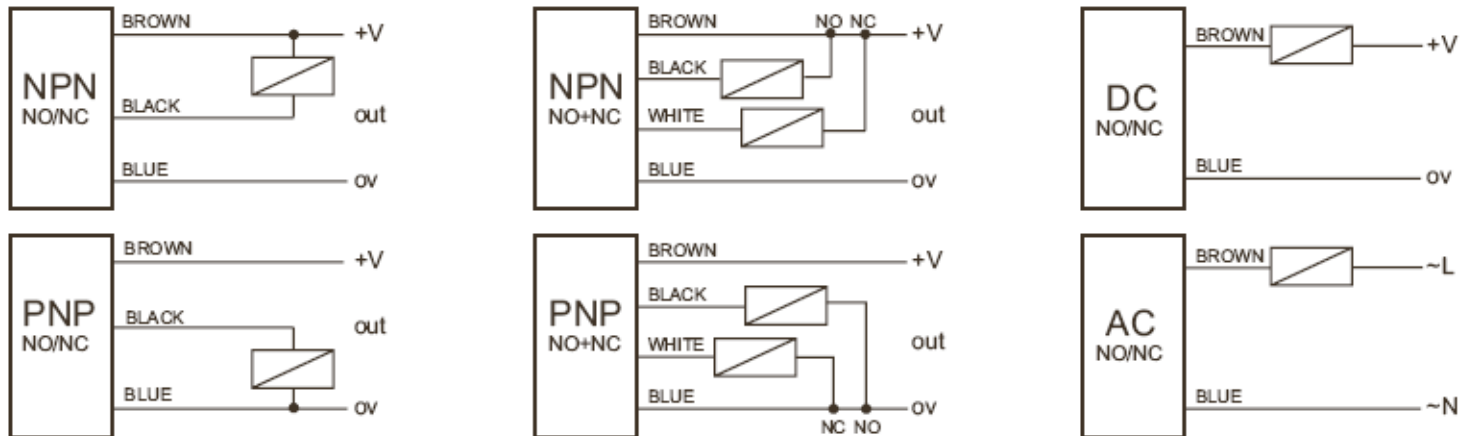
2. Ordering Code:

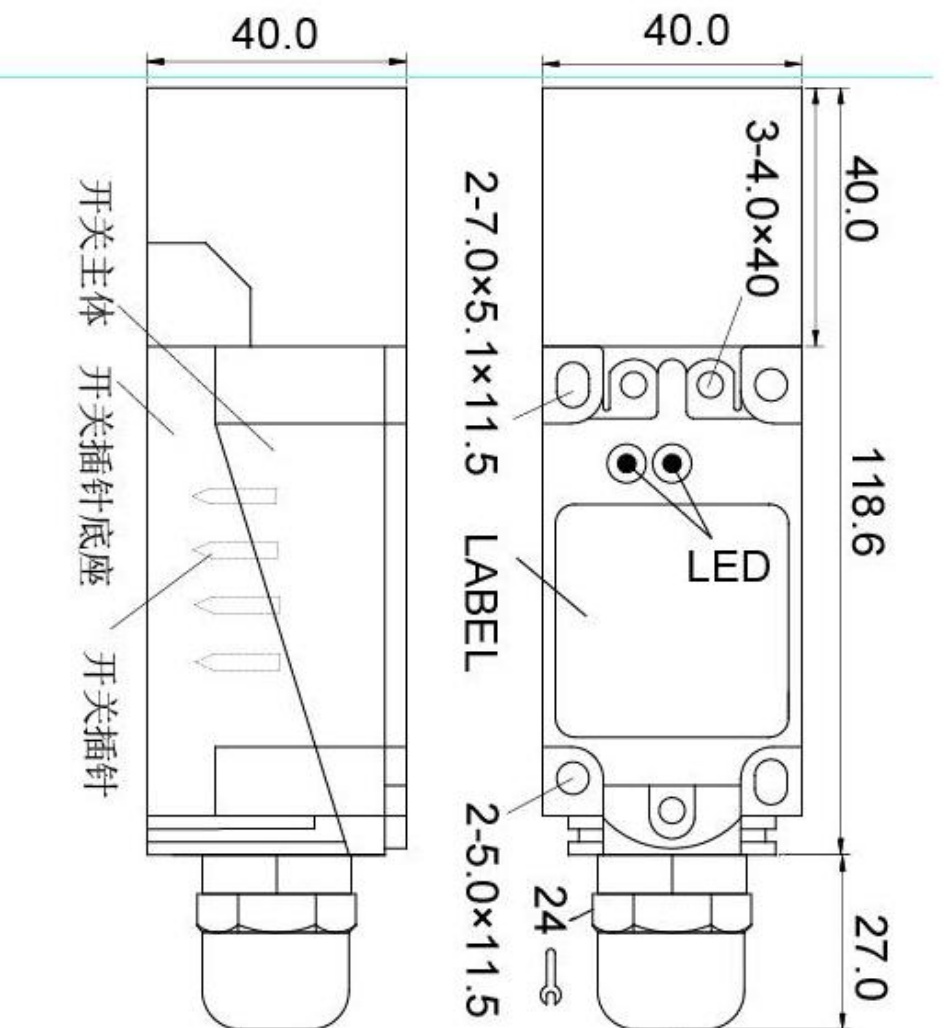
Model and Type	Output type	Mounting distance	Detect distance	Current output	Power supply
IPS-S40NO25B	NPN, NO	25mm	23mm	≤200mA	DC 10-30V
IPS-S40NC25B	NPN, NC	25mm	23mm	≤200mA	DC 10-30V
IPS-S40NOC25B	NPN NO+NC	25mm	23mm	≤200mA	DC 10-30V
IPS-S40PO25B	PNP NO	25mm	23mm	≤200mA	DC 10-30V
IPS-S40PC25B	PNP NC	25mm	23mm	≤200mA	DC 10-30V
IPS-S40POC25B	NPN NO+NC	25mm	23mm	≤200mA	DC 10-30V
IPS-S40AO25C	AC 2 wires, NO	25mm	23mm	≤400mA	AC 90-250V
IPS-S40AC25C	AC 2 wires, NC	25mm	23mm	≤400mA	AC 90-250V

3. Technical Specifications:

Property project	Specific parameter
Mounting distance	25mm
Detect distance	23mm
Power supply	DC 10-30V / AC 90-250V
Frequency	DC: $\leq 200-400\text{Hz}$ / AC: $\leq 20\text{Hz}$
Current output	DC: $\leq 200\text{mA}$ / AC: $\leq 400\text{mA}$
Ambient temperture	$-20^{\circ}\text{C} - 70^{\circ}\text{C}$
Protection	DC: Over-current&polarity reverse protection / AC: no
IP rating	rating IP65

4. Electrical Connection Drawing:

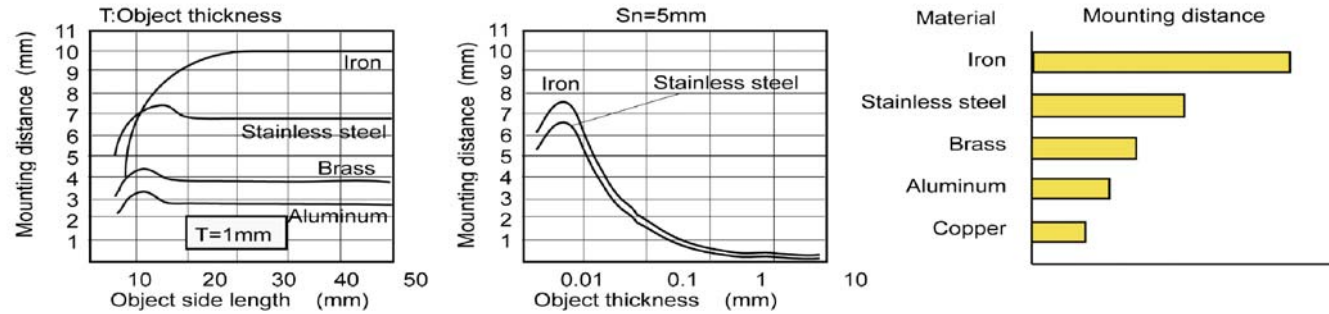




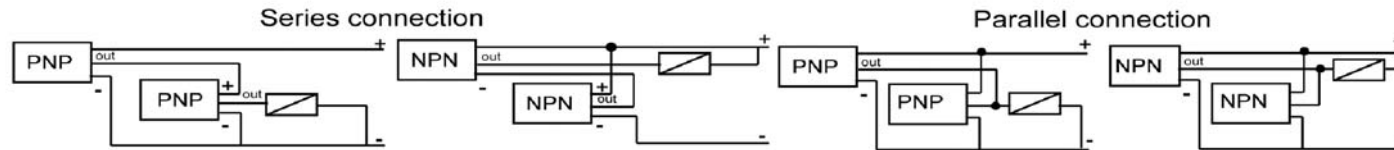
5. The picture of product mix:

IPS 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. Ips series connection and parallel connection



6. Notice:

- 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)