

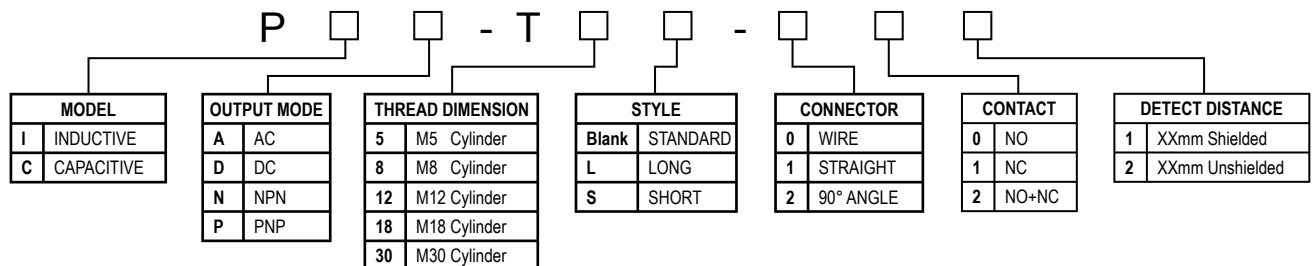
## M5 - Short Housing - Inductive Sensor



### Features:

- Inductive sensor, style: cylinder shape, diameter: 5mm.
- DC 3-wire (10-30V DC) \* DC 2-wire (5V DC) also available on request.
- Connection mode: 3 wire
- Mounting distance: shielded (1mm)
- With LED operation indicate lamp, easily identifiable
- Brass chrome plated, proof of oil, water acid, alkaline
- Standard sensing object: iferrous metals;
- Protection rate: IP67, water resistant
- Widely applied in measuring, Counting, Rpm measuring in mechanism, chemical, paper manufacture light industry, etc.

### ORDERING CODE INFORMATION



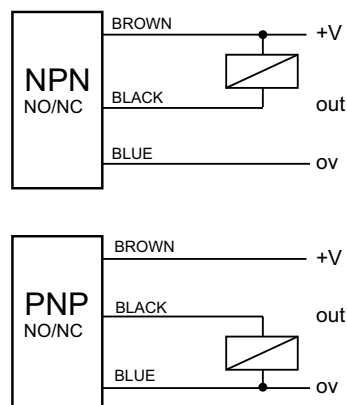
### ORDERING CODES

Model and Type	Output Type	Mounting Distance	Current Output	Power Supply	Connector Model
PIN-T5S-001	NPN NO	1mm SHIELDED	≤ 100mA	DC 10-30V	3 Wire
PIN-T5S-011	NPN NC	1mm SHIELDED	≤ 100mA	DC 10-30V	3 Wire
PIP-T5S-001	PNP NO	1mm SHIELDED	≤ 100mA	DC 10-30V	3 Wire
PIP-T5S-011	PNP NC	1mm SHIELDED	≤ 100mA	DC 10-30V	3 Wire

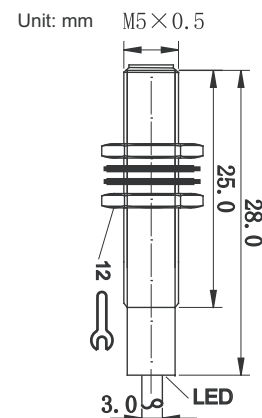
### TECHNICAL SPECIFICATIONS

Property Project	Specific Parameter
Mounting Distance	1mm shielded
Sensing Distance	0-0.8mm
Power Supply	DC 10-30V
Frequency	2000Hz
Current Output	≤ 100mA
Ambient Temperature	-20°C-70°C
Against Polarity Reversal	NO
Short Circuit Protected	NO
IP Rating	IP67

### ELECTRICAL CONNECTION

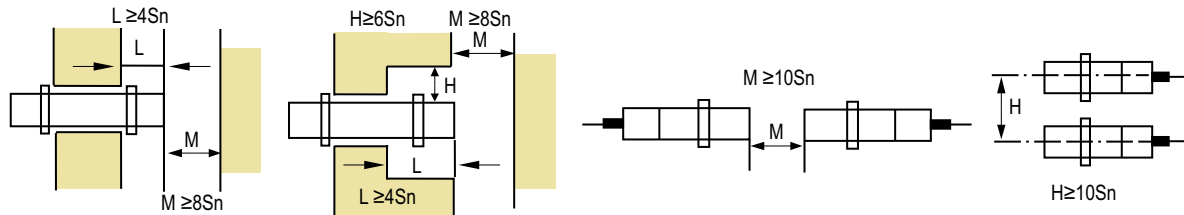


### PICTURE OF PRODUCT



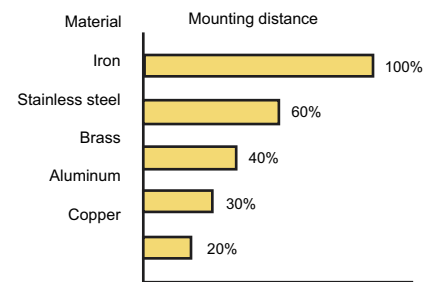
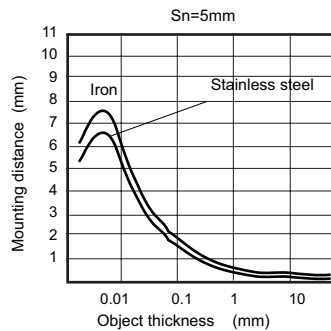
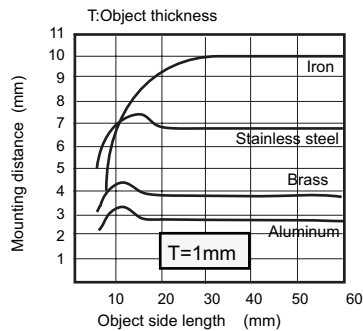
## INSTALLATION

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

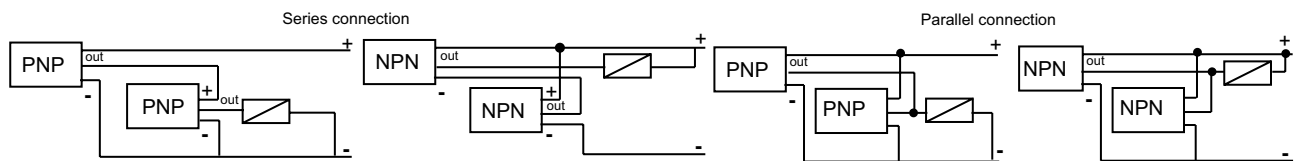


## INDUCTIVE PROXIMITY APPLICATION DIRECTION

- Set mounting distance equal to 80% of Sn.
- Set mounting distance roughly equal to 50% of Sn when sensor is used measuring mounting frequency or operating in high speed circumstances.
- Mounting distance will change depending on material (iron, stainless steel, brass, copper and aluminum).



d. Inductive Proximity series connection and parallel connection



REV. NO.	REVISION NOTE	DATE	SIGNATURE
B	Datasheet Update	Jan 2009	LG

As part of the company policy of continued product improvement, specifications may change without notice. Our sales office will be pleased to help you with the latest information on this product range and the details of our full design and manufacturing service. All products are supplied to our standard conditions of sale unless otherwise agreed in writing.

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## TAKE A LOOK AT OUR VARIETY OF PRODUCTS

