

## M5 Short Housing - Inductive Series



### Features:

- Inductive sensor, style: cylinder shape, diameter: 5mm.
- DC 3-wire (10-30V DC)
- 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: ferrous metals;
- Protection rate: IP67, water resistant
- Over-current protection
- Widely applied in measuring, Counting, Rpm measuring in mechanism, chemical, paper manufacture light industry, etc.

### ORDERING CODE INFORMATION

MODEL		OUTPUT MODE		THREAD		SIZE		CONNECTOR		CONTACT		DETECT DISTANCE	
I	INDUCTIVE	A	AC	5	M5 Cylinder	L	LONG	0	WIRE	0	NO	1	1mm
C	CAPACITIVE	D	DC	8	M8 Cylinder	S	SHORT	1	STRAIGHT	1	NC	2	2mm
		N	NPN	12	M12 Cylinder								
		P	PNP	18	M18 Cylinder								
				30	M30 Cylinder								

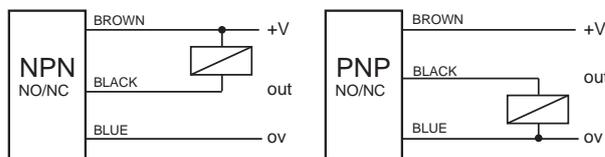
### ORDERING CODES

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

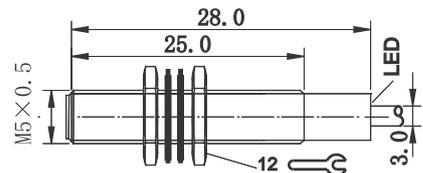
### TECHNICAL SPECIFICATIONS

Property project	Specific parameter
Mounting distance	shielded (1mm)
Sensing distance	shielded(0-0.8mm)
Power supply	DC 10-30V
Frequency	≤ 600Hz
Current output	≤ 100mA
Ambient temperature	-20°C-70°C
Protection	over-current/against polarity
IP rating	IP67

### ELECTRICAL CONNECTION DRAWING



### PICTURE OF PRODUCT



### IPS INDUCTIVE PROXIMITY APPLICATION DIRECTIONS

- 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).

REV. NO.	REVISION NOTE.	DATE	SIGNATURE
-	Original	Nov 2007	LG

### TAKE A LOOK AT OUR VARIETY OF PRODUCTS



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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