



M30 Short Housing - Inductive Sensor

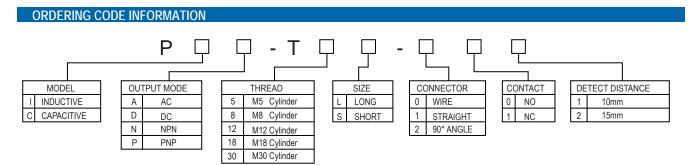


Features:

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 Inductive sensor, style: cylinder shape, diameter: 30mm; short body
 Shield or unshield type
 DC 3 wire (10-30V DC), DC 4-wire (10-30V DC)
 Connection mode: 3 wire or 3 pin connector; 4 wire or 4 pin connector
 Mounting distance: shielded (10mm), unshielded (110mm)
 With LED operation indicate lamp, easily identifiable
 Brass chrome plated, proof of oil. water acid, alkaline
 Standard sensing object: iferrous metals:

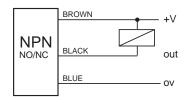
- Standard sensing object: iferrous metals; Protection rate: IP67, water resistant
- Over-current protection
- Widely applied in measuring, Counting, Rpm measuring in mechanism, chemical, paper manufacture light industry, etc.

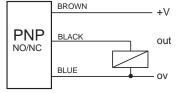


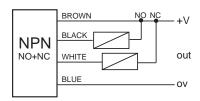
ORDERING CODES					
Model and Type	Output type	Mounting distance	Current output	Power supply	Connector model
PIN-T30S-001	NPN NO	10mm,shielded	≤ 100mA	DC 10-30V	3 Wire
PIN-T30S-011	NPN NC	10mm,shielded	≤ 100mA	DC 10-30V	3 Wire
PIN-T30S-002	NPN NO	15mm,unshielded	≤ 100mA	DC 10-30V	3 Wire
PIN-T30S-012	NPN NC	15mm,unshielded	≤ 100mA	DC 10-30V	3 Wire
PIN-T30S-021	NPN NO+NC	10mm,shielded	≤ 100mA	DC 10-30V	4 Wire
PIN-T30S-022	NPN NO+NC	10mm,shielded	≤ 100mA	DC 10-30V	4 Wire
PIN-T30S-101	NPN NO	15mm,unshielded	≤ 100mA	DC 10-30V	Straight Plug-in connector
PIN-T30S-111	NPN NC	15mm,unshielded	≤ 100mA	DC 10-30V	Straight Plug-in connector
PIN-T30S-102	NPN NO	10mm,shielded	≤ 100mA	DC 10-30V	Straight Plug-in connector
PIN-T30S-112	NPN NC	10mm,shielded	≤ 100mA	DC 10-30V	Straight Plug-in connector
PIN-T30S-121	NPN NO+NC	15mm,unshielded	≤ 100mA	DC 10-30V	Straight Plug-in connector
PIN-T30S-122	NPN NO+NC	15mm,unshielded	≤ 100mA	DC 10-30V	Straight Plug-in connector
PIN-T30S-201	NPN NO	110mm,shielded	≤ 100mA	DC 10-30V	90 Degree Plug-in connector
PIN-T30S-211	NPN NC	10mm,shielded	≤ 100mA	DC 10-30V	90 Degree Plug-in connector
PIN-T30S-202	NPN NO	15mm,unshielded	≤ 100mA	DC 10-30V	90 Degree Plug-in connector
PIN-T30S-212	NPN NC	15mm,unshielded	≤ 100mA	DC 10-30V	90 Degree Plug-in connector
PIN-T30S-221	NPN NO+NC	10mm,shielded	≤ 100mA	DC 10-30V	90 Degree Plug-in connector
PIN-T30S-222	NPN NO+NC	10mm,shielded	≤ 100mA	DC 10-30V	90 Degree Plug-in connector
PIP-T30S-001	PNP NO	15mm,unshielded	≤ 100mA	DC 10-30V	3 Wire
PIP-T30S-011	PNP NC	15mm,unshielded	≤ 100mA	DC 10-30V	3 Wire
PIP-T30S-002	PNP NO	10mm,shielded	≤ 100mA	DC 10-30V	3 Wire
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PIP-T30S-112	PNP NC	15mm,unshielded	≤ 100mA	DC 10-30V	Straight Plug-in connector
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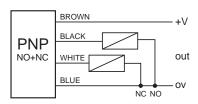
TECHNICAL SPECIFICATIONS	
Property project	Specific parameter
Mounting distance	shielded: 10mm / unshielded: 15mm
Sensing distance	shielded: 0-9mm / unshielded: 0-13.5mm
Power supply	DC 10-30V
Frequency	≤ 600Hz
Current output	≤100mA
Ambient temperture	-20°C-70°C
Protection	Over-current / against polarity
IP rating	IP67

ELECTRICAL CONNECTION DRAWING









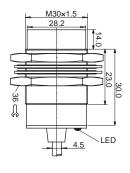
PICTURE OF PRODUCT MIX

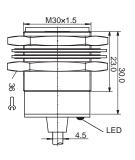
A: Wires & Unshielded

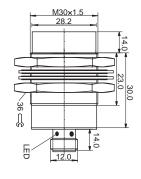
B: Wires & Shielded

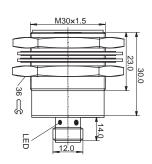
C: Connector & Unshielded

D: Connector & Shielded









M30 Short Body All dimensions in millimeters (mm) nominal.

IPS INDUCTIVE PROXIMITY APPLICATION DIRECTIONS

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

REV. NO.	REVISION NOTE.	DATE	SIGNATURE
-	Original	Jan 2008	LG





ISO 9001:2000 Reg. No FM 21080

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