

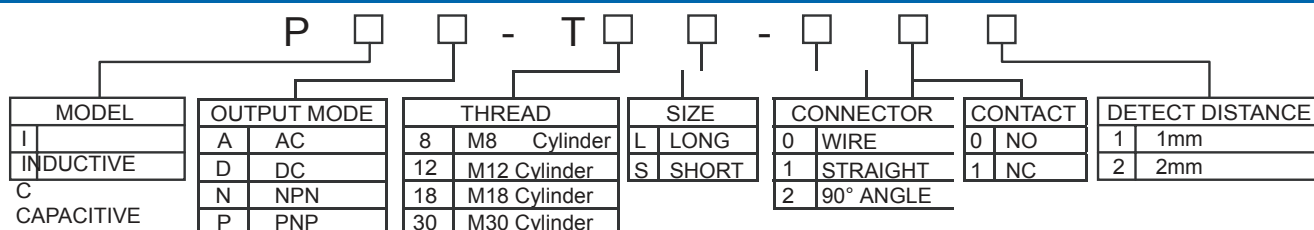
M8 Short Housing Inductive Proximity Series



Features :

- Diameter: 8mm; short body.
- DC 3-wire (10-30V DC)
- Connection mode: 3 wire or 3 pin connector
- Mounting distance: shielded (1mm), unshielded (200)
- 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
- Over-current protection
- Widely applied in measuring, Counting, Rpm measuring in mechanism, chemical, paper manufacturelight industry, etc.

Ordering Information



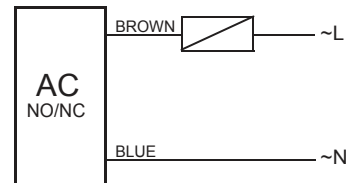
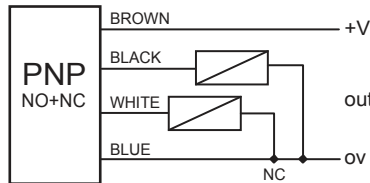
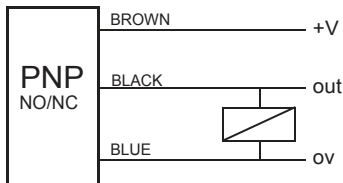
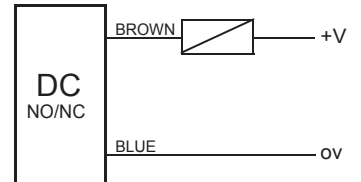
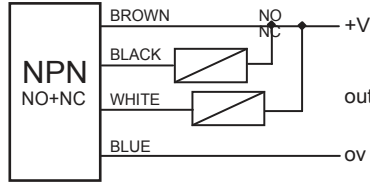
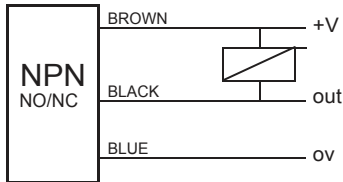
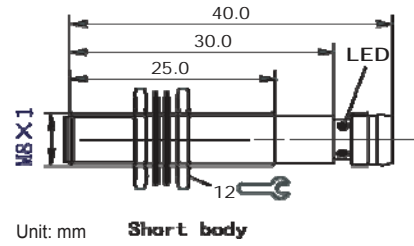
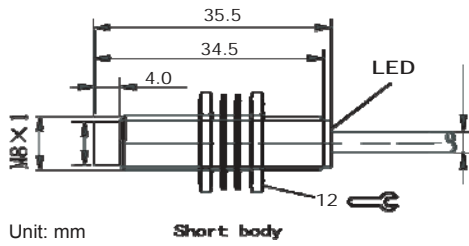
Ordering Codes:

Model and Type	Output type	Mounting distance	Current output	Power supply	Connector model
PIN-T8S-001	NPN NO	1mm,shielded	≤ 100mA	DC 10-30V	3 Wire
PIN-T8S-011	NPN NC	1mm,shielded	≤ 100mA	DC 10-30V	3 Wire
PIN-T8S-002	NPN NO	2mm,unshielded	≤ 100mA	DC 10-30V	3 Wire
PIN-T8S-012	NPN NC	2mm,unshielded	≤ 100mA	DC 10-30V	3 Wire
PIN-T8S-101	NPN NO	1mm,shielded	≤ 100mA	DC 10-30V	M8 Plug-in connector
PIN-T8S-111	NPN NC	1mm,shielded	≤ 100mA	DC 10-30V	M8 Plug-in connector
PIN-T8S-102	NPN NO	2mm,unshielded	≤ 100mA	DC 10-30V	M8 Plug-in connector
PIN-T8S-112	NPN NC	2mm,unshielded	≤ 100mA	DC 10-30V	M8 Plug-in connector
PIN-T8S-201	NPN NO	1mm,shielded	≤ 100mA	DC 10-30V	M8 Plug-in connector
PIN-T8S-211	NPN NC	1mm,shielded	≤ 100mA	DC 10-30V	M8 Plug-in connector
PIN-T8S-202	NPN NO	2mm,unshielded	≤ 100mA	DC 10-30V	M8 Plug-in connector
PIN-T8S-212	NPN NC	2mm,unshielded	≤ 100mA	DC 10-30V	M8 Plug-in connector
PIP-T8S-001	PNP NO	1mm,shielded	≤ 100mA	DC 10-30V	3 Wire
PIP-T8S-011	PNP NC	1mm,shielded	≤ 100mA	DC 10-30V	3 Wire
PIP-T8S-002	PNP NO	2mm,unshielded	≤ 100mA	DC 10-30V	3 Wire
PIP-T8S-012	PNP NC	2mm,unshielded	≤ 100mA	DC 10-30V	3 Wire
PIP-T8S-101	PNP NO	1mm,shielded	≤ 100mA	DC 10-30V	M8 Plug-in connector
PIP-T8S-111	PNP NC	1mm,shield	≤ 100mA	DC 10-30V	M8 Plug-in connector
PIP-T8S-102	PNP NO	2mm,unshielded	≤ 100mA	DC 10-30V	M8 Plug-in connector
PIP-T8S-112	PNP NC	2mm,unshielded	≤ 100mA	DC 10-30V	M8 Plug-in connector
PIP-T8S-201	PNP NO	1mm,shielded	≤ 100mA	DC 10-30V	M8 Plug-in connector
PIP-T8S-211	PNP NC	1mm,shield	≤ 100mA	DC 10-30V	M8 Plug-in connector
PIP-T8S-202	PNP NO	2mm,unshielded	≤ 100mA	DC 10-30V	M8 Plug-in connector
PIP-T8S-212	PNP NC	2mm,unshielded	≤ 100mA	DC 10-30V	M8 Plug-in connector

Technical Specifications:

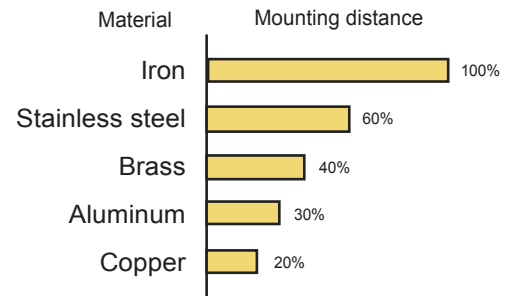
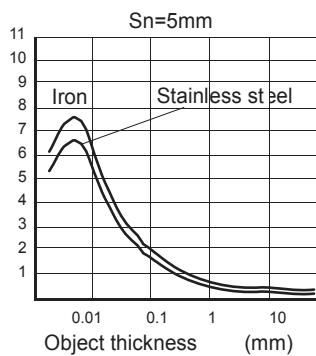
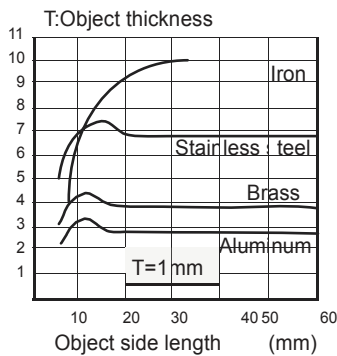
Property project	Specific parameter
Mounting distance	shielded (1mm)/unshielded(2mm)
Sensing distance	shielded(0-0.9mm)/unshielded(0-1.8mm)
Power supply	DC 10-30V
Frequency	≤600Hz
Current output	≤100mA
Ambient temperture	-20°C-70°C
Protection	over-current/against polarity
IP rating	IP67

Electrical Connection Drawing

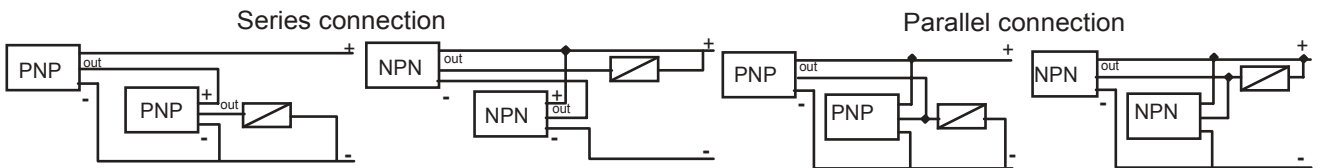


IPS Inductive Proximity Application Directions

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



d. Ips series connection and parallel connection



Rev. No.	Revision Note	Date	Signature
-	Original	20-03-07	LG

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