Inductive Proximity Sensor - 40mm Square Plastic Housing

multicomp PRO

RoHS Compliant

Features

- Inductive sensor, style: squared shape, 40mm × 40mm × 120mm
- Mounting distance: 25mm shielded
- With LED operation indicate lamp, easily identifiable
- Standard sensing object: ferrous metals
- Protection rate: IP67, water resistant
- Over-current and short circuit protection; against polarity reversal.
- Widely applied in measuring, Counting, Rpm measuring in mechanism, chemical, paper manufacture light industry, etc.

Specifications

Mounting Distance	: 25mm shielded
Sensing Distance	: 22.5mm shielded
Power Supply	: 10V DC to 30V DC / 90V AC to 250V AC
Frequency	: 150Hz/75Hz (DC 3/2 wires) / 20Hz (AC 2 wires)
Current Output (DC/AC)	: 200mA / 300mA
Ambient Temperature	: -20°C to 70°C
Against Polarity Reversal	: Yes
Short Circuit Protected	: 3 wires: Yes / 2 wires: No
IP Rating	: IP67

Electrical Connection
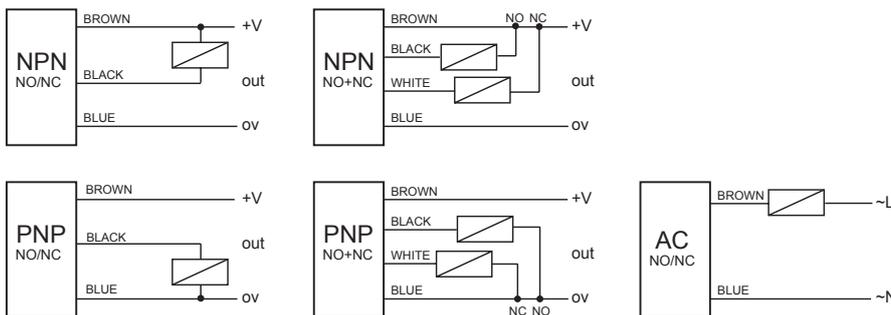
Picture of Product

Flush (shielded)
Unit: mm

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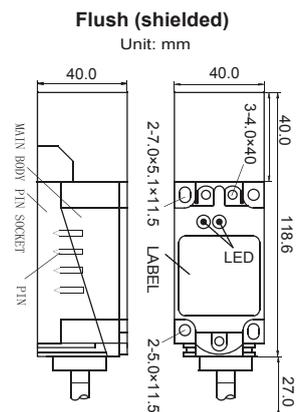
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Installation

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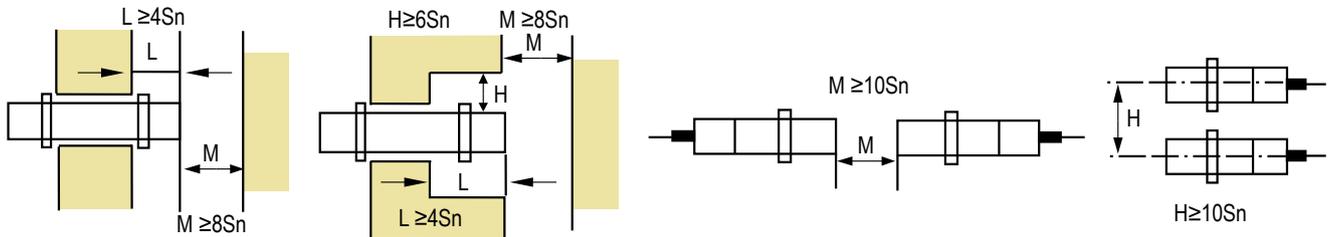
Inductive Proximity Application Direction

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 aluminium).
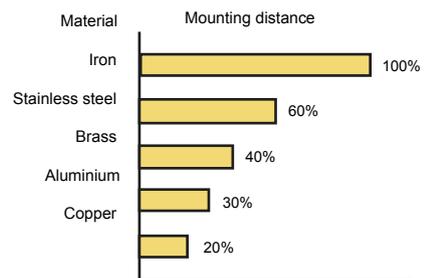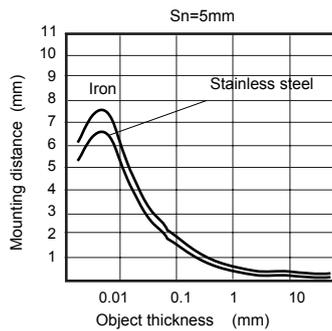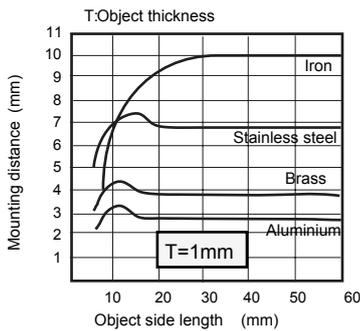
D. Inductive Proximity series connection and parallel connection

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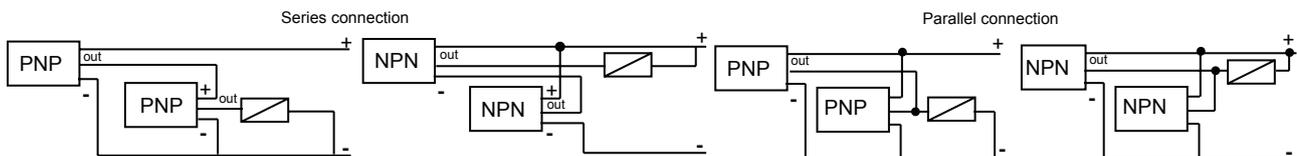
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Part Number Table

Part Number	Output Type	Mounting Distance	Current Output	Power Supply	Wire Connector
MP002259	NPN NO				3 Wire
MP002260	NPN NC				4 Wire
MP002261	NPN NO + NC				4 Wire
MP002262	PNP NO	25mm Shielded	200mA	10V DC to 30V DC	3 Wire
MP002263	PNP NC				4 Wire
MP002264	PNP NO + NC				4 Wire
MP002265	AC NO		300mA	90V AC to 250V AC	2 Wire
MP002266	AC NC				

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