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Techsense Bangladesh Ltd

PROXIMITY SENSOR Code : CJY12E-04PA

A proximity sensor is a sensor able to detect the presence of nearby objects without any physical contact. An inductive proximity sensor is a type of non-contact electronic proximity sensor that is used to detect the position of metal objects. The sensing range of an inductive switch is dependent on the type of metal being detected. Ferrous metals, such as iron and steel, allow for a longer sensing range, while nonferrous metals, such as aluminum and copper, can reduce the sensing range by up to 60 percent. Since the output of an inductive sensor has two possible states, an inductive sensor is sometimes referred to as an inductive proximity switch.

General Attributes

- Sensing distance : 4mm
- Power supply : 12-24VDC
- Control output : Max. 200mA
- Switching Output : PNP Normally Open
- Ambient temperature : -25~+70℃(No icing)
- Storage temperature : -30~+80℃(No icing)
- Protection : IP67 (IEC Standard)

Application Notes

Position Detection
Speed Sensing
Limit Switching
Pulse Generation
Distance Measurement

For further information please visit : http://www.cntd.com

We are the authorized distributor of CNTD in Bangladesh.

LISTED IND. CONT. EQ. 81U2 for use in the secondary of a class 2 source of supply

IND. CONT. EQ 81U2 for use in the secondary of a class 2 source of supply Environmental - Type 1 Enclosure