

Photoelectric Sensor, Square PBT housing, Dark on , NPN NO, thru-beam, Sensing distance 150cm, 2m 3-wire cable



PXPEPTJ-T150NO-I

Photoelectric Sensor

Features

- Common form factor
- Fast response time
- LED indicators
- IP65 protection

Applications

- Manufacturing
- Automotive
- Food and Beverage
- Warehouse Automation
- Robotics

Description

The L-com PXPEPTJ-T150NO-I is a photoelectric sensor developed to determine the proximity, absence, or presence of an item using a light transmitter. This sensor uses thru-beam as a detection method and has a PC/ABS housing. The thru-beam sensor has a square shape, an LED indicator, and a single NPN NO (Normally Open) output.

General Specifications

| | |
|-----------------------|--|
| Sensing Type | Thru-Beam |
| Design Type | Square |
| Light Source Infrared | 850 nm |
| Output Type | NPN |
| Sensing Distance | 1,500 mm |
| Supply Voltage | 12-24 VDC |
| Shock Resistance | 10 to 55Hz reciprocating amplitude 1.5mm for 2 hours |
| Impact Resistance | 500m/s(2) XYZ three times |
| IP Rating | IP64 |
| Housing Material | PC/ABS |
| Ambient Brightness | <10,000 Lux |
| Ambient Temperature | -25 to 50 deg C |
| Protective Circuit | Reverse polarity, short circuit |
| Connection Method | 2M 3-wire Cable |
| Load Current | 50 mA |
| Withstand Voltage | >20MΩ/500V DC |
| Indicator | Transmitter Power: Green; Receiver Action: Yellow |
| Switch Type | Dark On |

(For more information please consult User Manual)

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[Photoelectric Sensor, Square PBT housing, Dark on , NPN NO, thru-beam, Sensing distance 150cm, 2m 3-wire cable PXPEPTJ-T150NO-I](#)

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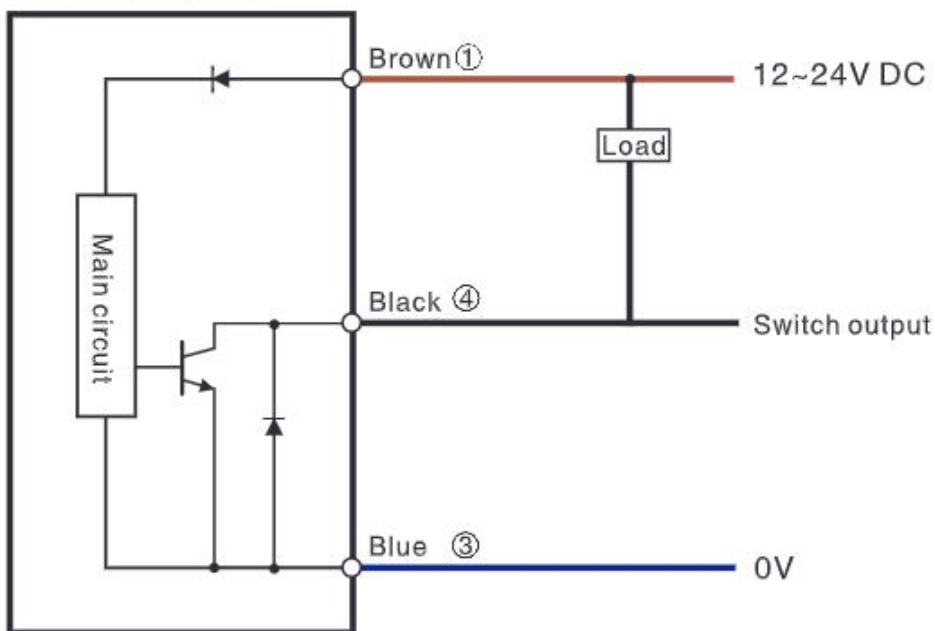


PXPEPTJ-T150NO-I

Photoelectric Sensor

Circuit Diagram

NPN Output



Environmental Specifications

| | |
|--------------------|------------------|
| Storage Range | -30 to +70 deg C |
| Humidity | |
| Operating Relative | 35% to 90% |
| Storage Relative | 35% to 90% |

Photoelectric Sensor, Square PBT housing, Dark on , NPN NO, thru-beam, Sensing distance 150cm, 2m 3-wire cable from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components.

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to implement improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document.

L-com CAD Drawing

