

Photoelectric Sensor, Thin style PC housing, Light on, PNP, convergent reflection, sensing distance 5mm to 30mm, 2m 3-wire cable



PXPEESL-X30PO

Photoelectric Sensor

Features

- Thin housing design for confined spaces
- Fast response time
- LED status indicator
- IP67 protection

Applications

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

Description

The L-com PXPEESL-X30PO is a photoelectric sensor developed to determine the proximity, absence, or presence of an item using a light transmitter. This sensor uses convergent reflective as a detection method and has a PC housing. The convergent reflective sensor has a thin design, an LED indicator, and a single PNP output.

General Specifications

Sensing Type	Convergent Reflective
Design Type	Thin
Light Source Infrared	650 nm
Output Type	PNP
Sensing Distance	5 to 30 mm
Supply Voltage	12-24 VDC
Hysteresis	15 %
Spot	20 to 30 mm
Shock Resistance	10-50Hz, Upper and lower amplitude 1.5mm for 2 hours
Impact Resistance	1000m/s(2) 3 times in X, Y, Z
IP Rating	IP67
Housing Material	PC
Ambient Brightness	<1,000 Lux
Ambient Temperature	-25 to 55 deg C
Protective Circuit	Overload, reverse polarization, short circuit protection
Detected Object	No-limit
Connection Method	2m 3-wire cable
Indicator	Output: Orange; Work: Green; Power: Red
Switch Type	L.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:
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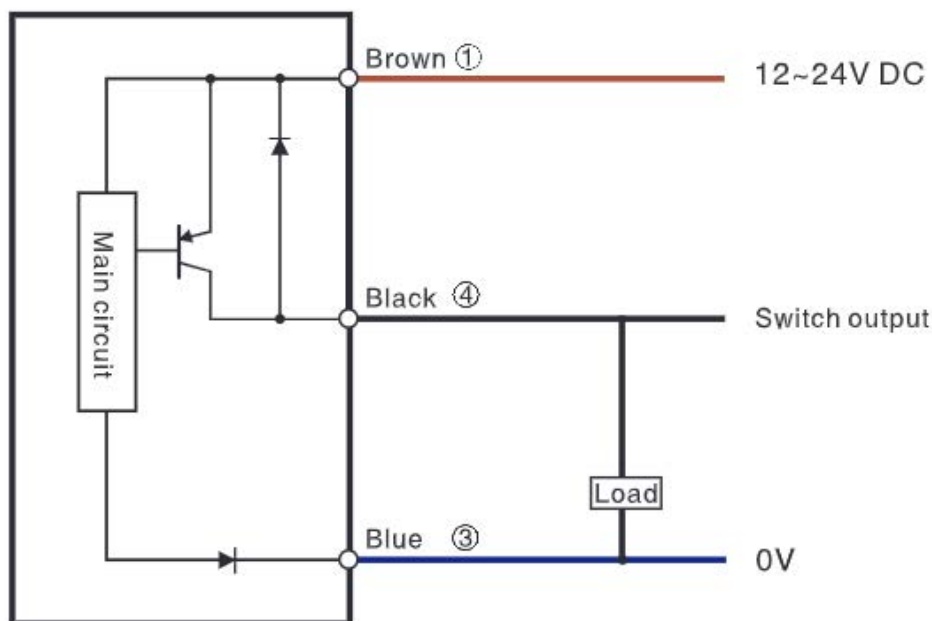


PXPEESL-X30PO

Photoelectric Sensor

Circuit Diagram

PNP Output



Environmental Specifications

Storage Range	-40 to +70 deg C
Humidity	
Operating Relative	35% to 85%
Storage Relative	35% to 95%

Photoelectric Sensor, Thin style PC housing, Light on, PNP, convergent reflection, sensing distance 5mm to 30mm, 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.

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L-com CAD Drawing

