

Photoelectric Sensor, M12 x 60mm, NPN NO,  
Diffuse Reflection 0.3 meter Range, 2 meter  
3-wire Cable, IP67, Brass



## PXPEM12-NKX3

### Features

- Specialized IC
- IP67 Protection
- Easy Installation
- Wide Selection of Output Options
- Steady Performance
- Broad Detection Range

### Applications

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

### Description

The L-com PXPEM12-NKX3 is a photoelectric proximity sensor designed to determine the proximity, absence, or presence of an item using a light transmitter. Our photoelectric sensor is 12 mm in diameter and has a threaded barrel for easy installation and adjustment. This photoelectric sensor offers a quick response NPN NO output via a 2 meter 3-wire cable for connection. Our M12 x 60mm threaded photoelectric proximity sensor requires a power supply voltage of 10 to 36 VDC. Make your online purchase right now to take advantage of our same-day shipping.

Our M12 x 60mm threaded diffuse photoelectric proximity sensor has a NPN NO electrical connection and is used for the direct detection of objects. This PXPEM12-NKX3 IoT sensor is IP67 protected and has a 2 meter 3-wire connecting cable. Our NPN NO IoT sensor with a 2 meter 3-wire connecting cable has a fast response time, which allows it to detect small objects.

Our IoT sensor is constructed of M12 nickel-plated brass housing. This IoT sensor has stable performance due to a specialized integrated circuit. The photoelectric sensor has reliable performance making it suitable for warehouse and industrial automation, manufacturing, and food and beverage industries. This photoelectric proximity sensor has a 0.3 meter sensing distance.

L-com has the largest in-stock selection of IP67-rated photoelectric proximity sensors with same-day shipping for domestic and international orders. We currently have a variety of IoT products in our portfolio that are ready to ship today. For further information on similar products, our expert technical support and knowledgeable sales team can help you get a high-quality photoelectric sensor with NPN NO output as per your requirements.

### General Specifications

Sensing Type	Diffuse Reflection
Design Type	M12
Output Type	NPN
Sensing Distance	10 to 300 mm
Supply Voltage	10-36 VDC
Hysteresis	15 %
IP Rating	IP67
Housing Material	Brass Nickel Plated
Connection Method	2M 3-wire cable

### Environmental Specifications

<b>Temperature</b>	
Operating Range	0 to +55 deg C

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## PXPEM12-NKX3

**Compliance Certifications** (see [product page](#) for current document)

### Plotted and Other Data

Notes:

Photoelectric Sensor, M12 x 60mm, NPN NO, Diffuse Reflection 0.3 meter Range, 2 meter 3-wire Cable, IP67, Brass 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.

URL: <https://www.l-com.com/photoelectric-sensor-m12-x-60mm-npn-no-diffuse-reflection-0.3-meter-range-2-meter-3-wire-cable-ip67-brass-pxpem12-nkx3-p.aspx>

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# PXPEM12-NKX3 CAD Drawing

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