

Infrared Label Sensor, L.on/D.on selectable, NPN and PNP, Sensing distance 2mm, 4-pin M8 connector



PXSLKIM07-0204NP

Infrared Label Sensor

Features

- Highly accurate Infrared label detection
- Selectable light-on/dark-on operation
- Teaching function
- IP65 protection
- 4pin M8 connector

Applications

- Manufacturing
- Automotive
- Material Handling
- Warehouse Automation

Description

The L-com PXSLKIM07-0204NP is a version of a slot sensor geared specifically for label detection. The sensor operates on the principle of thru-beam or opposed mode sensing where light emitted from the transmitter is directly aimed at the receiver. A desirable choice for sensing opaque labels, this sensor features a 42 mm (about 1.65 in) slot depth and dual NPN and PNP outputs, triggered by selectable L.On/D.On switching mode.

General Specifications

Sensing Type	Thru-Beam
Light Source Infrared	940 nm
Output Type	NPN and PNP
Sensing Distance	2 mm
Supply Voltage	12-24 VDC
Slot Depth	42 mm
Slot Width	2 mm
IP Rating	IP65
Housing Material	Aluminum
Ambient Brightness	<10,000 Lux
Protective Circuit	Reverse polarity, Short circuit and Interference suppression
Connection Method	M8 4-pin connector
No-Load Current	40 mA
Load Current	100 mA

(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:
[Infrared Label Sensor, L.on/D.on selectable, NPN and PNP, Sensing distance 2mm, 4-pin M8 connector PXSLKIM07-0204NP](#)

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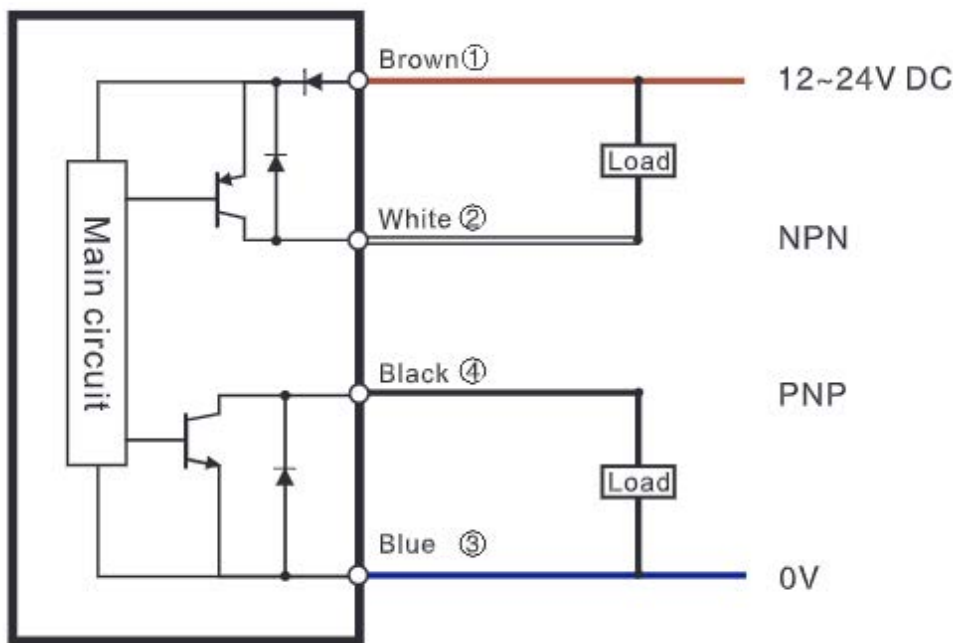


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Infrared Label Sensor

Circuit Diagram

NPN/PNP



Environmental Specifications

Temperature

Operating Range	-20 to +60 deg C
Storage Range	-30 to +80 deg C

Infrared Label Sensor, L.on/D.on selectable, NPN and PNP, Sensing distance 2mm, 4-pin M8 connector 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 impliment 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

