

Photoelectric Sensor, Cylindrical, M18 PC housing, PNP NO, diffuse reflection, Sensing distance 40cm adjustable, 2m 4-wire cable



## PXPEPSM18-D40P

### Photoelectric Sensor

#### Features

- Shock resistant epoxy filled housings
- Corrosion resistance
- LED indicator
- IP67 protection

#### Applications

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

#### Description

The L-com PXPEPSM18-D40P is a photoelectric sensor developed to determine the proximity, absence, or presence of an item using a light transmitter. This sensor uses diffuse reflection as a detection method and has a PBT housing. The diffuse reflection sensor has a M18 cylindrical shape, an LED indicator, and a single PNP NO (Normally Open) output.

#### General Specifications

Sensing Type	Diffuse Reflection
Design Type	M18 Cylindrical
Output Type	PNP
Sensing Distance	400 mm
Supply Voltage	10-30 VDC
Repeat Accuracy	5 %
Hysteresis	10 %
IP Rating	IP67
Torque	1 Nm
Housing Material	PBT
Ambient Brightness	<10,000 Lux
Ambient Temperature	-15 to 55 deg C
Protective Circuit	Reverse polarity protection, short circuit, surge protection
Connection Method	2M 4-wire Cable
Leakage Current	1 mA
Load Current	100 mA
Indicator	Red LED
Switch Type	Selectable L. on/D. 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, Cylindrical, M18 PC housing, PNP NO, diffuse reflection, Sensing distance 40cm adjustable, 2m 4-wire cable PXPEPSM18-D40P

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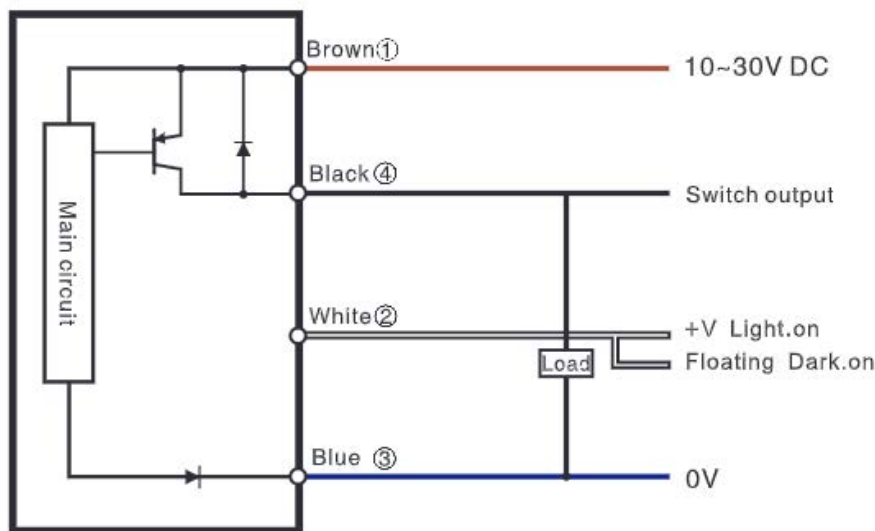


## PXPEPSM18-D40P

### Photoelectric Sensor

#### Circuit Diagram

PNP Output



#### Environmental Specifications

##### Humidity

Operating Relative

35% to 90%

Photoelectric Sensor, Cylindrical, M18 PC housing, PNP NO, diffuse reflection, Sensing distance 40cm adjustable, 2m 4-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

