

# M18P-L3000N-CZ9C4U2

# Photoelectric Sensor

M18 Prox-Style Photoelectric - Retro-Reflective



Note: The product images shown may change over time as products are updated.

## Diagram

### Part Number

**M18P-L3000N-CZ9C4U2**

### Features

Photoelectric sensors are used in virtually any manufacturing process with moving parts to detect products, machine parts, and a wide variety of moving objects.

For additional information, contact HTM Sensors at 800-644-1756 or [service@htmsensors.com](mailto:service@htmsensors.com)

### Connection

### Technical Data

Function Type	Retro
Body Style	Cylindrical
Sensor Housing Material	PBT
Lens Material	PMMA
Connector Pins	4-wire
Sensing Range	3000 mm
Response Time	1.5 ms
Output Type	NPN
Output Function	Light On/Dark On
Connection	Cable
Body Length	75 mm
Operating Voltage	10-30 VDC
Operating Temperature	-25 °C - +55 °C
Overload Trip Point	
Hysteresis	-
IP Rating:	IP67
EMC Rating	IEC 60947-5-2, Parts 7.2.6.1, 2, 3 or RFI>3 V/m (in 30-1000 MHz), EFT>1 KV, ESD>4 KV (contact)
Shock Rating:	IEC 60947-5-2, Part 7.4.2 or 10-55 Hz, 1.0 mm amplitude in x, y and z directions for 30 min. IEC 60947-5-2, Part 7.4.1 or 30 g, 11 ms in x, y and z directions for six time each
Short Circuit Protected	YES
Max Current	200 mA
Over Current Protection	YES
Reverse Polarity Protected	YES
Current Consumption	≤30 mA
Width	
Height	



**HTM**  
SENSORS

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