



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

Diagram

Part Number

M18P-D0500P-CX9C4U2

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

Connection

Technical Data

| | |
|----------------------------|---|
| Function Type | Diffused |
| Body Style | Cylindrical |
| Sensor Housing Material | PBT |
| Lens Material | PC |
| Connector Pins | 4-wire |
| Sensing Range | 500 mm |
| Response Time | 1.5 ms |
| Output Type | PNP |
| Output Function | Light On/Dark On |
| Connection | Cable |
| Body Length | 64 mm |
| Operating Voltage | 10-30 VDC |
| Operating Temperature | -25 °C - +55 °C |
| Overload Trip Point | |
| Hysteresis | ≤20% SD |
| 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 times each |
| Short Circuit Protected | YES |
| Max Current | 200 mA |
| Over Current Protection | YES |
| Reverse Polarity Protected | YES |
| Current Consumption | ≤30 mA |
| Width | |
| Height | |

