

# M18B-T015MP-CX9Q4UE

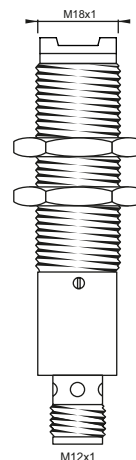
## Photoelectric Sensor

M18 Prox-Style Photoelectric - Through-Beam



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

### Diagram



### Part Number

**M18B-T015MP-CX9Q4UE**

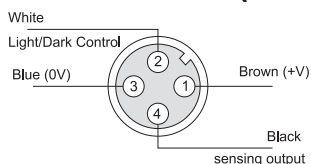
### Features

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

#### DC Connector (M12)



### Technical Data

|                            |                                                                                                                                                                                  |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Function Type              | Thru-beam                                                                                                                                                                        |
| Body Style                 | Cylindrical                                                                                                                                                                      |
| Sensor Housing Material    | Nickel-plated Brass                                                                                                                                                              |
| Lens Material              | PC                                                                                                                                                                               |
| Connector Pins             | 4-pin                                                                                                                                                                            |
| Sensing Range              | 15m                                                                                                                                                                              |
| Response Time              | 1.5 ms                                                                                                                                                                           |
| Output Type                | PNP                                                                                                                                                                              |
| Output Function            | Light On/Dark On                                                                                                                                                                 |
| Connection                 | M12                                                                                                                                                                              |
| 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                     |                                                                                                                                                                                  |



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