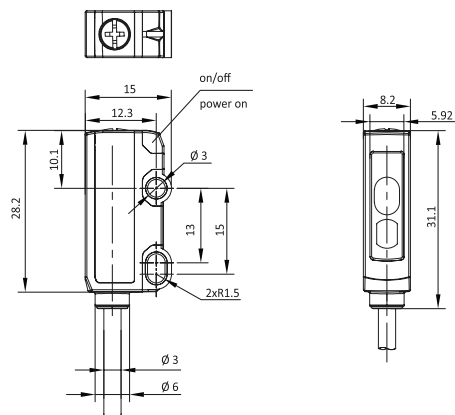




Note: The product images shown may change over time as products are updated.

## Dimensions



- 1 Emitter optical axis
- 2 Receiver optical axis
- 3 Mounting hole  $\varnothing$  3 mm
- 4 LED: power on
- 5 LED: on / off
- 6 Connection: 0.3 m cable

## Part Number

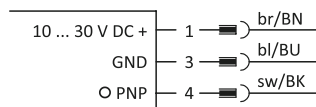
**H12-BGS-0120P-DO-2M**

## 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

|                               |                                 |
|-------------------------------|---------------------------------|
| Sensing Range                 | 10-120 mm                       |
| Light Source                  | Red LED (630 nm)                |
| Light Spot Size               | 5 mm @ 120 mm                   |
| Indicator LEDs                | Output: Red Steady State: Green |
| IO-Link                       | No                              |
| Supply Voltage                | 10-30 V DC                      |
| Max. Load Current             | $\leq$ 100 mA                   |
| No Load Current               | $\leq$ 18 mA                    |
| Short Circuit Protection      | Yes                             |
| Reverse Polarity Protection   | Yes                             |
| Output Type                   | PNP                             |
| Operation Mode                | Dark-On                         |
| Switching Frequency           | 200 Hz                          |
| Sensitivity Adjustment        | Yes                             |
| Housing Material              | PC+PBT                          |
| Lens Material                 | PC                              |
| IP Rating                     | IP67                            |
| Timer Options                 | -                               |
| Ambient Operating Temperature | -10 C to +50 C                  |
| Vibration Resistance          | EN 60068-2-6                    |
| Shock Resistance              | EN 60068-2-27                   |
| Cable or Connector            | 2 m Cable                       |