

# Monitored Retro-Reflective Photoelectric Beam

Polarised retro-reflective photoelectric beam

## Features

- Monitored Photo Beam
- Long range beam, 10 metres
- Input Voltage 12 - 250V AC/DC
- Polarised retro reflective type
- Polycarbonate casing
- Optional cover for reflector, HD-15
- Rugged design (IP-66)
- LED indicator beam alignment
- Tamper switch



PE1800

## Application

- Sliding Gates, Swing Gates or Garage Doors
- Overhead Doors, Conveyers or Door Entrance
- Boom Gates, Alarm System or Warehouse Monitoring

## Description

The PE1800 is a monitored photoelectric beam that offers Entrapment Protection when paired with compatible Elsema control cards, suitable for sliding gates, swing gates, and roller doors. The control card can detect both open circuits (break in sensor wire) and short circuits (pinched wire). Essentially, the PE1800 serves as a vital safety feature for automated gates and doors.

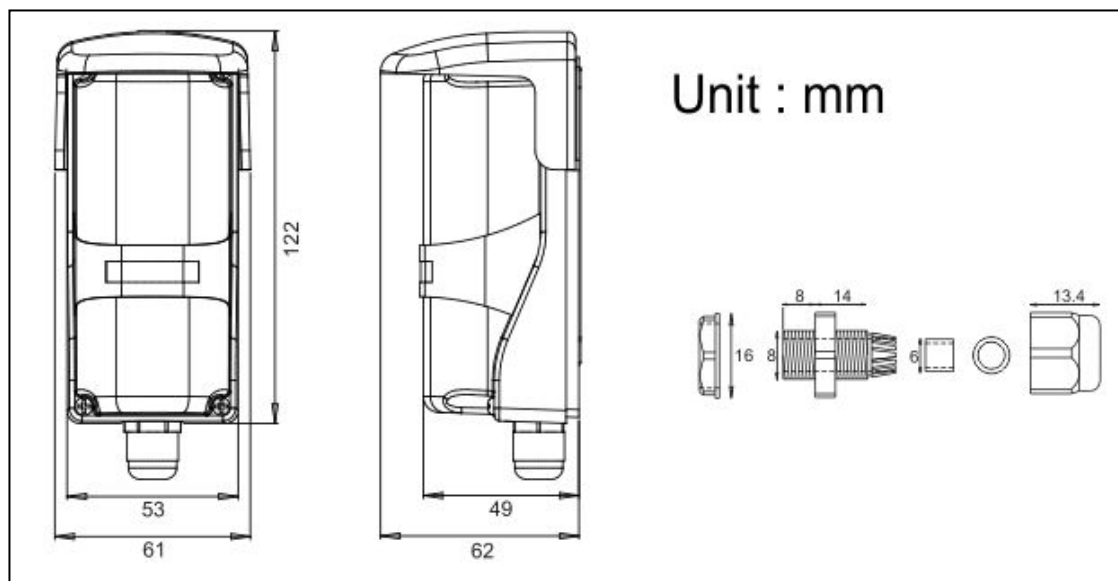
Optional HD-15 hood for the reflector is recommended for outdoor installation.

## Technical Data

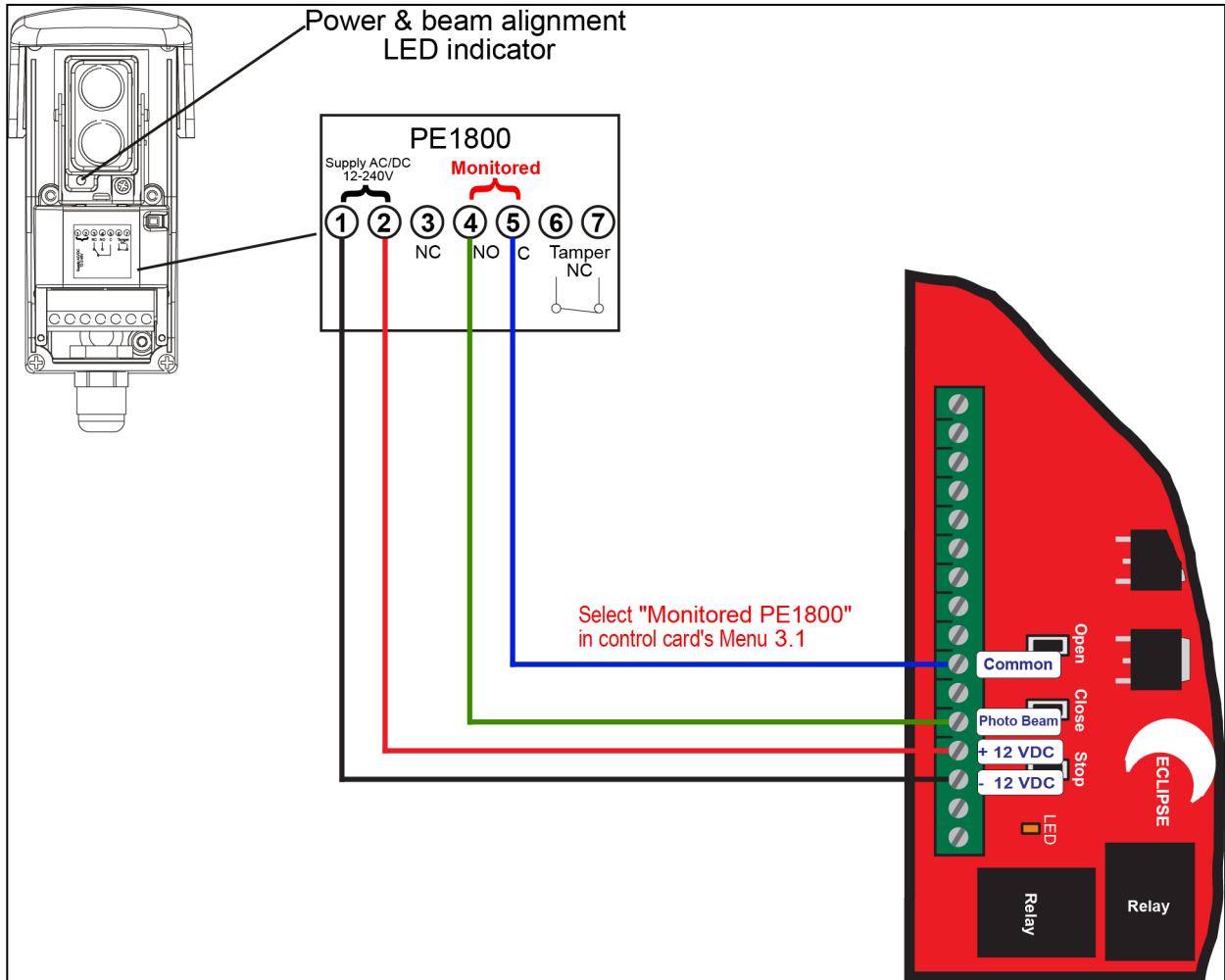
<b>Power Source</b>	12 to 250 Volts AC/DC
<b>Standby</b>	19mA at 24Volts DC
<b>Response Time</b>	10 millisecond
<b>Connection</b>	Plug in type terminal block
<b>Additional feature</b>	Normally closed (NC) Tamper output
<b>Operating Temperature</b>	-20°C to 60°C
<b>Sensing Range</b>	10 metres. Range will be reduced in bad weather, fog, dust etc.
<b>Dimensions</b>	122 (L) x 61(W) x 62(D) mm

**LED Status**

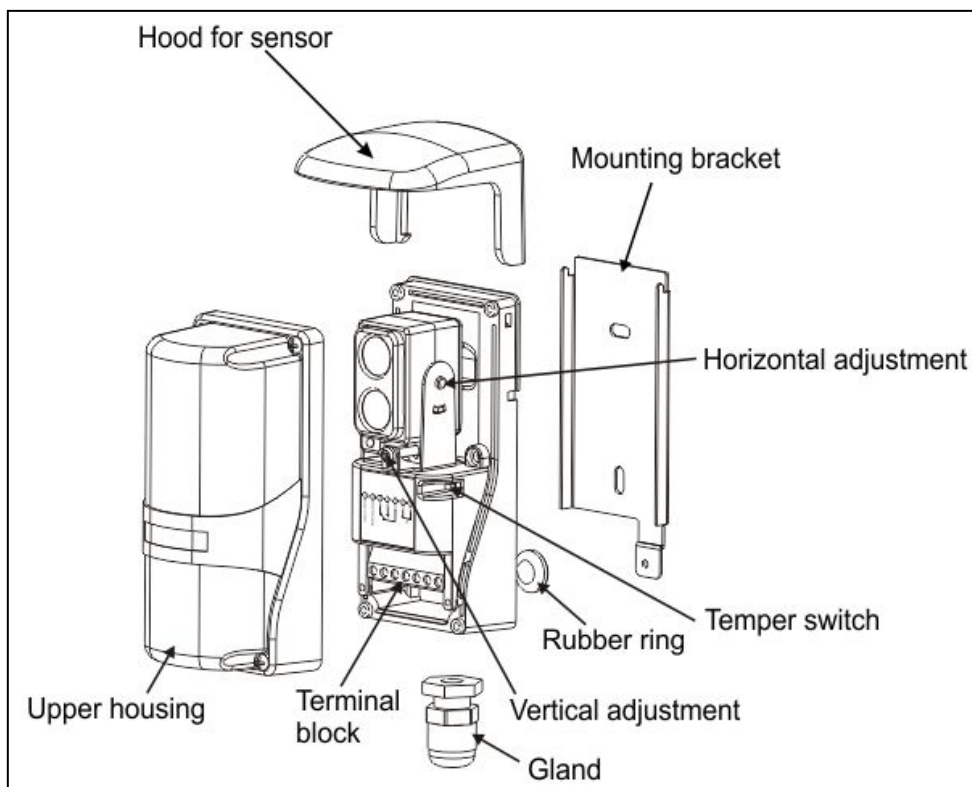
<b>LED Status</b>	<b>Red</b>	<b>Green</b>
<b>On</b>	Beam is broken	Beam is properly aligned
<b>Off</b>	Beam is aligned	<b>xx</b>
<b>Flashing</b>	Beam alignment poor	<b>xx</b>

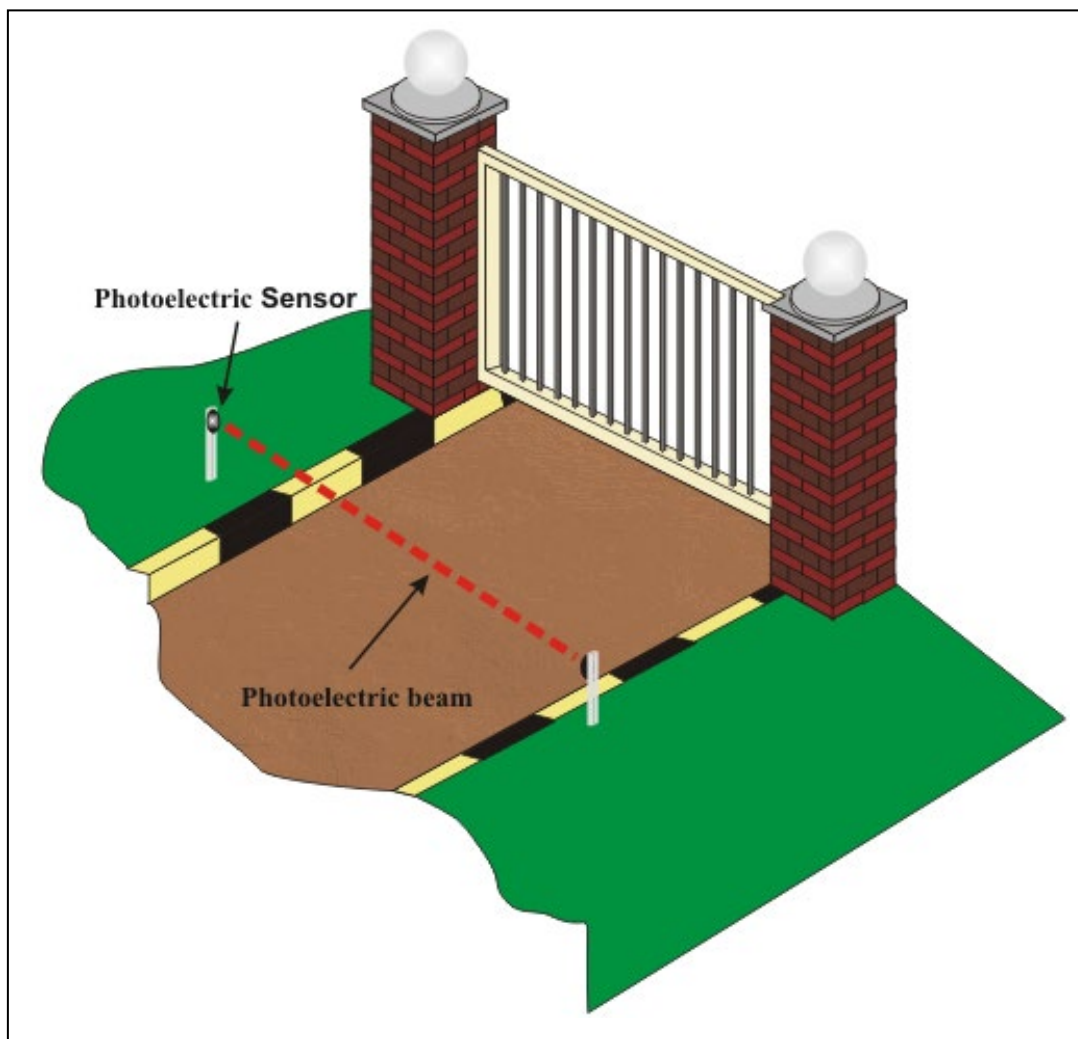
**Accessory**Reflector Hood. Part number **HD-15****PE1800 Dimensions**

**PE1800 Wiring Diagram**



**PE1800 parts**



**PE1800 Application****Manufactured by**

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