

BEN Series Reflective Photo Eye

Mounting:

The sensor must be mounted lined up with the reflector. **The reflector and sensor must be within 16 feet of each other.**

A) Mounting bolts - there are two provided. The head of the bolt and standard washer go on the outside of the metal plate. The lock washer and nut go on the sensor side.

B) This is the bottom side of the sensor and should face towards the ground when mounting.

C) This side of the bracket should be mounted to a post using appropriate screws or bolts for the material of the post.

D) Remove the plastic from the reflector.

E) This side of the reflector should be used to attach to a post using appropriate screws or bolts for the material of the post.

F) This elongated hole is used for adjusting the angle of the sensor after mounting the bracket.

G) Out Light - this red light will come on when the photo eye is either not lined up with the reflector or if there is an obstruction between the photo eye and the reflector.
*During normal ready mode this light should not be on.

H) Power - The green power light will be on when the unit has power.
*During normal ready mode this light should be on.

N/A - There are no adjustments on this model, leave the mode and sens. covered with silicone.

Wiring: The wires can be extended using 20 gauge or larger low voltage wire up to 200 feet.

BROWN/BLUE: There is no polarity for these wires. Connect them to 12-24V AC or DC (unit draws 50mA)

BLACK Normally Open - If you are using this as a safety device with GTO/Mighty Mule, Apollo or other normally open safety circuits use this wire (see manufacturer of gate opener for NO or NC). Or if this is being used as an opening device use this wire.

WHITE: This is the common wire. Connect it to the common of the opening or safety connection.

GREY: Normally Closed - If you are using this as a safety device with Estate Swing or other normally closed safety circuits use this wire (see manufacturer of gate opener for NO or NC).

