OPTOEYE
TROUBLE SHOOTING GUIDE

1. Check LED's for photo eye status:

Red LED/ Transmitter	Green LED/ Receiver	Status/ Fault Condition
ON	ON	Receiver is powered Does Red LED blink twice when an object passes through the beam? If Yes: Photo Eye is functional If No: Transmitter is defect/ Not powered
OFF	OFF	Photo Eye is not powered, check wiring and supply voltage
2 x BLINK	ON	Photo Eye obstructed or not properly aligned
2 x BLINK	OFF	Receiver is not powered, check wiring and supply voltage
3 x BLINK	ON	Photo Eye Receiver is receiving sunlight or interference from other sensor

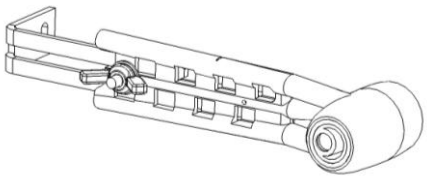
2. If LED's don't indicate a problem, check the following:

Is the wire from the photo eye close to a power supply cable?

Route the photo eye wire in a separate conduit. Power cables are a source for signal interferences.

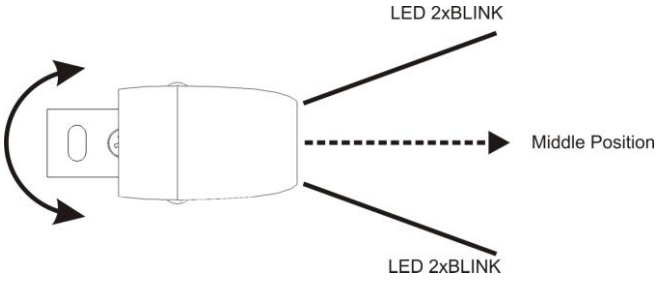
Is a coil cord or other object obstructing the beam when the door closes?

Loosen the wing nuts of the photo eye and extend it until the object does not reach into the beam any more.



Is the photo eye aligned properly?

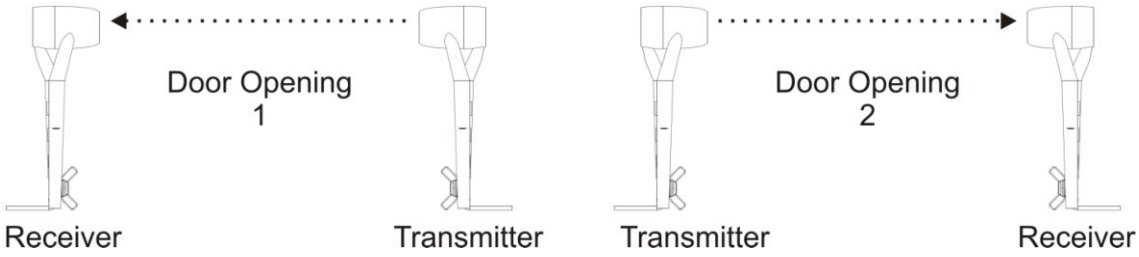
Try realigning the photo eye by rotating each side until the Red LED starts blinking. Fix the eyes in the middle position.



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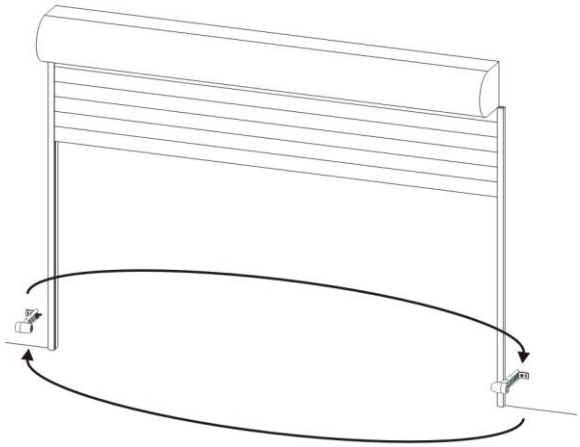
Are there any photo eyes installed on adjacent doors?

Make sure that transmitter and receiver are always installed alternating to avoid cross-communication between eyes.

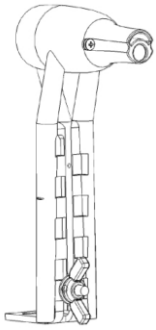


Is the receiver being hit by sunlight when the operator reverses the door?

Swap photo eye transmitter and receiver, to move the receiver into the shade. The transmitter is not being influenced by sunlight, only the receiver is.



If the problem still occurs, install an optional hood on the receiver (VITECTOR Art. Name: OPE-A 0101, Art# 10012015-2).



Contact

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All dimension in [inch] mm. This drawing and the information contained is for general presentation purposes only. Please refer to the "Download" section for detailed technical drawings.© CEDES AG. All rights reserved. We do not assume responsibility for technical inaccuracies or omissions. Specifications are subject to change without notice.