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DOOR SAFETY SENSOR APPLICATION

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Door Sensor Application

Door safety Optic sensors utilize infrared technology to detect when the path is clear beyond a closed door. In cases where an un-windowed door swings out, the sensor is useful in preventing accidents and injury to persons on the other side.

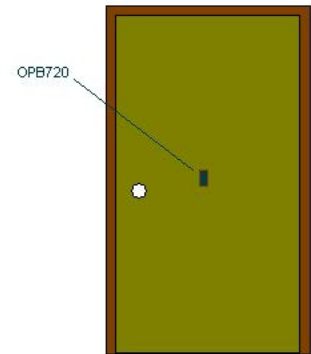
Door Sensor Requirement

The sensor (or sensors) are positioned to detect a person or object within a few feet of the door. The sensor output is connected to a warning light on the opposite side of the door to indicate a danger, or connected to a TTL interfaced security device to control the door movement.

Well suited for the workplace, hospitals, public buildings and retail centers.

The OPB720 Solution from OPTEK

- A harnessed, single connector reflective object optic sensor with ambient light rejection.
- May apply to all types of vended products.
- Will react to objects at 2 feet, or as short as 1 inch from the sensor face.
- Multiple channels can be applied to cover larger path widths without any crosstalk.
- Digital output & up to 30 VDC operation for easy design installation or easy retrofits.



OPTEK Technology is a leading provider of custom sensing solutions which incorporate the use of infrared, visible light, magnetic and fiber optic technologies focused on applications in office machines, industrial equipment, encoders, automotive electronics, military and high-reliability applications and medical diagnostic equipment.