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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.

