Secondary Entrapment Prevention Devices – Type B1

Non-contact sensors (photoelectric sensor or the equivalent) type B1 are used as secondary entrapment prevention devices in slide, swing, overhead, vertical lift, vertical pivot and barrier gate operator applications.

### Thru-beam
- Maximum 165-foot sensing distance
- Separate sender and receiver
- Infrared beam
- Includes hooded metal enclosures
- Listed to UL 325

### Photo-reflective
- Maximum 30-foot sensing distance
- Includes reflector and mounting bracket
- Visible red beam
- Outdoor rated NEMA 3, 4, 4X, 6P, 13
- Listed to UL 325

### Thru-beam / Photo-reflective
- 8080-031 Thru-beam 65-foot sensing distance
- 8080-030 Reflective 35-foot sensing distance
- Modulated infrared beam
- Outdoor rated
- Listed to UL 325

<table>
<thead>
<tr>
<th>P/N</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8080-010</td>
<td><strong>Infrared Thru-Beam Photo-Cell – 24 VAC/VDC</strong> Includes sender and receiver, hooded metal enclosures and heater. Rated for outdoor use with a sensing distance of up 165 ft.</td>
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<tr>
<td>8080-011</td>
<td><strong>Photo-Reflective Photo-Cell – 12 VDC – 24 VAC</strong> Includes bracket and 3-inch reflector. Rated for outdoor use with a sensing distance of up to 30-feet.</td>
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<tr>
<td>8080-031</td>
<td><strong>Infrared Thru-Beam Photo-Cell – 24-240 VAC/12-240 VDC</strong> Includes sender and receiver. Compact unit with ½-inch conduit fittings on the back and bottom. Rated for outdoor use with a sensing distance of up 65 ft.</td>
</tr>
<tr>
<td>8080-030</td>
<td><strong>Polarized Photo-Reflective Photo-Cell – 24-240 VAC/12-240 VDC</strong> Includes 3-inch reflector. Compact unit with ½-inch conduit fittings on the back and bottom. Rated for outdoor use with a sensing distance of up to 35-feet.</td>
</tr>
</tbody>
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