**Specifications**

<table>
<thead>
<tr>
<th>Type</th>
<th>Through-beam type</th>
<th>Reflective type</th>
<th>Convergent reflective type</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dimensions</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Convergent reflective type</strong></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Sensing target</td>
<td>Max. 1000mm</td>
<td>Max. 200mm</td>
<td>Max. 100mm</td>
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<td>Max. 100mm</td>
</tr>
<tr>
<td>Sensing distance</td>
<td>Max. 200mm</td>
<td>Max. 100mm</td>
<td>Max. 100mm</td>
</tr>
</tbody>
</table>

**Operation**

- **Display**
  - **Optical axis**
  - **Operation indicator**
  - **Stability indicator**
  - **Collector output**

**Connection**

- **Through-beam type**
  - **Output**
  - **Input**

**Installation & Adjustment**

- **Mounting**
  - **Optional**
  - **Optical axis**

- **Output short over current protection circuit**
- **Power reverse polarity protection circuit**

**Accessories (sold separately)**

- **Emitter**
- **Receiver**

**Ordering Information**

- **Model**
- **Operation mode**

**Cautions during Use**

- **Safety Considerations**
  - **Through-beam type**
  - **Reflective type**
  - **Convergent reflective type**

**Warning**

- **Failure to follow these instructions may result in personal injury or product damage.**

**Caution**

- **Failure to follow these instructions may result in personal injury or product damage.**

**Notice**

- **This information is intended for product management of through-beam type. (no need to refer when selecting model)**

**More Information**

- **This slit is for BTS1M-TDT through-beam type.**
- **Red LED**
- **Green LED**
- **Orange LED**
- **Blue LED**

**Additional Notes**

- **Power supply**
- **Operational Range**
- **Resistance**
- **Environmental Conditions**
- **Ambient Temperature**
- **Ambient Humidity**
- **Vibration**
- **Shock**
- **Failure to follow these instructions may result in personal injury or product damage.**

**Components**

- **Laser Marking System**
- **Area Sensors**
- **Pressure Sensors**
- **Fiber Optic Sensors**
- **Temperature/Humidity Transducers**
- **Door Sensors**
- **Stepper Motors/Drivers/Motion Controllers**
- **Field Network Devices**
- **Cable Lengths**
- **Installation Category**

**More Details**

- **Operation**
- **I/O Terminal Blocks & Cables**
- **Major Products**

**Contact Information**

- **Headquarters:**
- **Sales:**
- **Technical Support:**
- **Customer Service:**
- **Fax:**

**Important Notes**

- **This information is intended for product management of through-beam type. (no need to refer when selecting model)**
- **Please refer to the catalog or website.**
- **When using separate power supply for the sensor and load, supply power to sensor first.**
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**Disclaimers:**

- **Cautions during Use**
- **Warning**
- **Caution**
- **Notice**
- **More Information**
- **Components**
- **Important Notes**

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**More Information on:**

- **Laser Marking System**
- **Area Sensors**
- **Pressure Sensors**
- **Fiber Optic Sensors**
- **Temperature/Humidity Transducers**
- **Door Sensors**
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**Technical Support:**

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