**OptiGuard Distributed Optic Fiber Linear Heat Detector**

**System Sensor OptiGuard** distributed optic fiber heat detector uses multi-mode optic fiber as its heat sensor and gives continuous linear heat alarm. The system provides precise heat protection for long linear area.

**Features**
- Maximum 10 km protection length
- Fast response and high sensitivity
- Maximum 4 independent detection channel
- Up to 1000 alarm zones
- Accurate positioning with less than 1m deviation
- Robust and wide temperature tolerance fiber sensor
- Intrinsically explosion safe optic fiber sensing
- Networking ability with Honeywell fire alarm systems

System Sensor OptiGuard distributed temperature sensing technology offers a economic and highly efficient temperature sensing solution by providing up to 10 kilometers continuous heat monitoring. OptiGuard system provides up to 1000 separate fire zones to make sure the configuration is flexible enough.

OptiGuard system can configure protection zones and alarm point, graphically monitor the temperature status on the system display or a connected computer. OptiGuard alarms precisely on the temperature change with deviation lower than 1℃ and report the over heating position with deviation shorter than 1 meter.

OptiGuard system provides two different product models for different installation needs. Model JTW-XCD-9600 is the option for wall mount with enough space. Model JTW-XCD-9600A is the option for a shared rack mount with other system, which is a good choice when the control room space is limited.

**Agency List**

![Agency List](image)
Specifications

- **Networking Ability**

  - With Honeywell fire alarm system, the OptiGuard system can be connected and send real time temperature on the alarm spot.
  - The OptiGuard system can be connected to Honeywell fire alarm panel via fiber to realize super long distance communication.
  - Honeywell application engineers offers on site service to establish various networkings among OptiGuard system and Honeywell fire alarm panel. With the service, users can set up a network on site to realize management of multiple OptiGuard within one fire alarm system.

Ordering Information

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>UOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>JTW-XCD-9600</td>
<td>OptiGuard distributed linear heat detector control unit (wall-mounting)</td>
<td>EA</td>
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<tr>
<td>JTW-XCD-9600A</td>
<td>OptiGuard distributed linear heat detector control unit (Rack-mounting)</td>
<td>EA</td>
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<td>FB-D2A1B</td>
<td>Temperature sensing optic fiber</td>
<td>Meter</td>
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<td>9600/M</td>
<td>Fiber conjunction box</td>
<td>EA</td>
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<tr>
<td>9600/EOL</td>
<td>Fiber end of line box</td>
<td>EA</td>
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<tr>
<td>9600/TF</td>
<td>Leading cable to the control unit</td>
<td>EA</td>
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