Product Description
The PRECISION Switch Monitor and Priority Switch Monitor Modules supervise the state of one or more single-pole, normally open, dry contacts. The dry contacts are connected across the module input circuit, which reports contact status to the PROACTIV system via the PRECISION signaling line circuit (SLC).

The address and the wiring style of the device being monitored is configurable. The wiring style can be either Class A (Style D) or Class B (Style B).

The PRECISION Switch Monitor and Priority Switch Monitor Modules are designed to mount to 4-inch square or double gang electrical boxes and are intended for indoor use only.

Function
The modules provide three input states to the PROACTIV FACP: ‘Normal’, ‘Fault’ and ‘Active’. The red indicating LED is visible through the cover plate and is lit if the device is in alarm or is being polled.

The Priority module supports priority event reporting for faster response by the PROACTIV system to the programmed event. The PROACTIV system supports multiple event reporting formats to address installation requirements, including “alarm inputs”, “supervisory inputs”, “trouble inputs”, and “manual release inputs”.

Operation
The modules are designed to accept a maximum input circuit wiring resistance of 50 Ω. An end-of-line resistor required for the monitored switch circuit is 47 kΩ.

Features
- Single programmable supervised input
  - Class A (Style D)
  - Class B (Style B)
- Three input states
- Normal
- Active
- Fault
- PRECISION SLC device
- Style 4, 6 or 7 wiring
- High speed response via Priority Event reporting
- LED status indicator
### Ordering Information

**PRECISION Devices**

<table>
<thead>
<tr>
<th>Description</th>
<th>Model</th>
<th>Description</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRECISION Laser/COMPACT Detector</td>
<td>VLC-828</td>
<td>Remote Indicator</td>
<td>VFD-603</td>
</tr>
<tr>
<td>Photoelectric Smoke Detector</td>
<td>VFD-100</td>
<td>Switch Monitor Module</td>
<td>VFD-501</td>
</tr>
<tr>
<td>Ionization Smoke Detector</td>
<td>VFD-200</td>
<td>Priority Switch Monitor Module</td>
<td>VFD-502</td>
</tr>
<tr>
<td>Heat Detector</td>
<td>VFD-300</td>
<td>Mini Switch Monitor Module</td>
<td>VFD-506</td>
</tr>
<tr>
<td>Multi-sensor Detector</td>
<td>VFD-400</td>
<td>Priority Mini Switch Monitor Module</td>
<td>VFD-505</td>
</tr>
<tr>
<td>4-inch Mounting Base</td>
<td>VFD-000</td>
<td>Sounder Control Module</td>
<td>VFD-504</td>
</tr>
<tr>
<td>4-inch Relay Base</td>
<td>VFD-003</td>
<td>Input Output Monitor Module</td>
<td>VFD-503</td>
</tr>
<tr>
<td>4-inch 20D Isolator Base</td>
<td>VFD-004</td>
<td>Short Circuit Isolator</td>
<td>VFD-500</td>
</tr>
<tr>
<td>6-inch E-Z Fit Mounting Base</td>
<td>VFD-005</td>
<td>Short Circuit Isolator Base</td>
<td>VFD-501</td>
</tr>
<tr>
<td>6-inch Trim Ring</td>
<td>VFD-002</td>
<td>PRECISION Addressing Cards</td>
<td>PSP-2039</td>
</tr>
</tbody>
</table>

**Note 1:** Not all of the above products are available in all regions.

**Note 2:** The range of VESDA products is not included in the above list. Consult your local distributor or Vision Fire & Security office for more information.

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### Specifications

**Device Type**
- PRECISION Addressable Device

**PRECISION SLC**
- NFPA 72 Style 4, 6 and 7. Style 7 requires the use of isolators

**Operating voltage**
- 24 VDC

**End of line resistor**
- 47 kΩ

**Maximum input circuit wiring resistance**
- 50 Ω

**Operating Temperature**
- -4 to 158°F (-20 to +70°C)

**Humidity**
- 0–95% RH

**Mounting**
- 4” sq or double gang electrical box
- 2 1/8” minimum depth

**Switch Monitor**
- Maximum current consumption, at 24 V
  - Quiescent, 47 kΩ EOL fitted: 600 μA
  - Alarm: 4.6 mA

- Switch input monitoring voltage
  - 9–11 VDC

- Dimensions
  - 4.4 inch x 4.4 inch x 1.25 inch
  - (113 mm x 113 mm x 32 mm)

- Weight
  - 2.5 oz (71 g)

**Priority Switch Monitor**
- Maximum current consumption at 24 V
  - Quiescent, 47 kΩ EOL fitted max: 600 μA
  - Alarm: 4.6 mA

- Switch input monitoring voltage
  - 9–11 VDC

- Dimensions
  - 4.4 inch x 4.4 inch x 1.25 inch
  - (113 mm x 113 mm x 32 mm)

- Weight
  - 2.5 oz (71 g)

**Note:** Specifications are typical at 24 V, 23°C and 50% relative humidity unless otherwise stated.