

14um Photoconductive Detector, PCI-3TE-12-1x1-TO8-wZnSeAR-36



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Note: This item requires accessories for use | [Learn More](#)

Product Downloads

General

IR Photoconductive Detector **Type:**

PCI-3TE-12-1x1-TO8-wZnSeAR-36 **Model Number:**

TO-8 **Package:**

Vigo Photonics **Manufacturer:**

Physical & Mechanical Properties

7 **Weight (g):**

1.00 x 1.00 **Active Area (mm):**

Optical Properties

14000 **Spectral Response (nm):**

36 **Acceptance Angle (°):**

Environmental & Durability Factors

-20 to +30 **Operating Temperature (°C):**

-20 to +50 **Storage Temperature (°C):**

Regulatory Compliance

[Exempt](#) **RoHS 2015:**

[View](#) **Certificate of Conformance:**

[Compliant](#) **Reach 250:**

Poland **Country of Origin:**

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
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Product Details

- Mid and Long-Wave Infrared (MMIR/LWIR) Spectral Range
- 1 × 1mm² Active Areas with Acceptance Angles up to 90°
- TO-39 and TO-8 Package Styles with Specialized Anti-Reflection Windows

Vigo Photonics Infrared Detectors deliver high-performance mid and long-wave IR detection with exceptional sensitivity and stability across demanding applications. These HgCdTe and InAsSb detectors are available with a variety of cooling configurations, including single, dual, triple, and quad-stage thermoelectric coolers, to optimize signal-to-noise ratios. Models are offered with active areas of 1 × 1mm² and acceptance angles up to 90°, providing flexibility for system integration. Vigo Photonics Infrared Detectors feature precision packaging options such as TO-39 and TO-8 housings with specialized anti-reflection coatings for maximum throughput. These detectors combine reliability with infrared technology, making them ideal for spectroscopy, gas analysis, and defense applications.