

## 2 - 12um HgCdTe Photovoltaic Multi-Juncton IR Detector, PVM-10.6-1x1-TO39-NW-90



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Stock **#90-462** NEW **2 In Stock**

-

1

+

€805<sup>00</sup>

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| Volume Pricing |                               |
|----------------|-------------------------------|
| Qty 1+         | €805,00 each                  |
| Need More?     | <a href="#">Request Quote</a> |

ⓘ Prices shown are exclusive of VAT/local taxes

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

| Product Downloads |
|-------------------|
|-------------------|

### SPECIFICATIONS

#### General

Type:  
IR Photovoltaic Detector

Model Number:

|                                    |                             |
|------------------------------------|-----------------------------|
| PVM-10.6-1x1-TO39-NW-90            |                             |
| TO-39                              | Package:                    |
| Vigo Photonics                     | Manufacturer:               |
| Physical & Mechanical Properties   |                             |
| 7                                  | Weight (g):                 |
| 1.00 x 1.00                        | Active Area (mm):           |
| Optical Properties                 |                             |
| 2000 - 12000                       | Spectral Response (nm):     |
| 90                                 | 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:                  |

## PRODUCT DETAILS

- Mid and Long-Wave Infrared (MMR/LWR) 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.