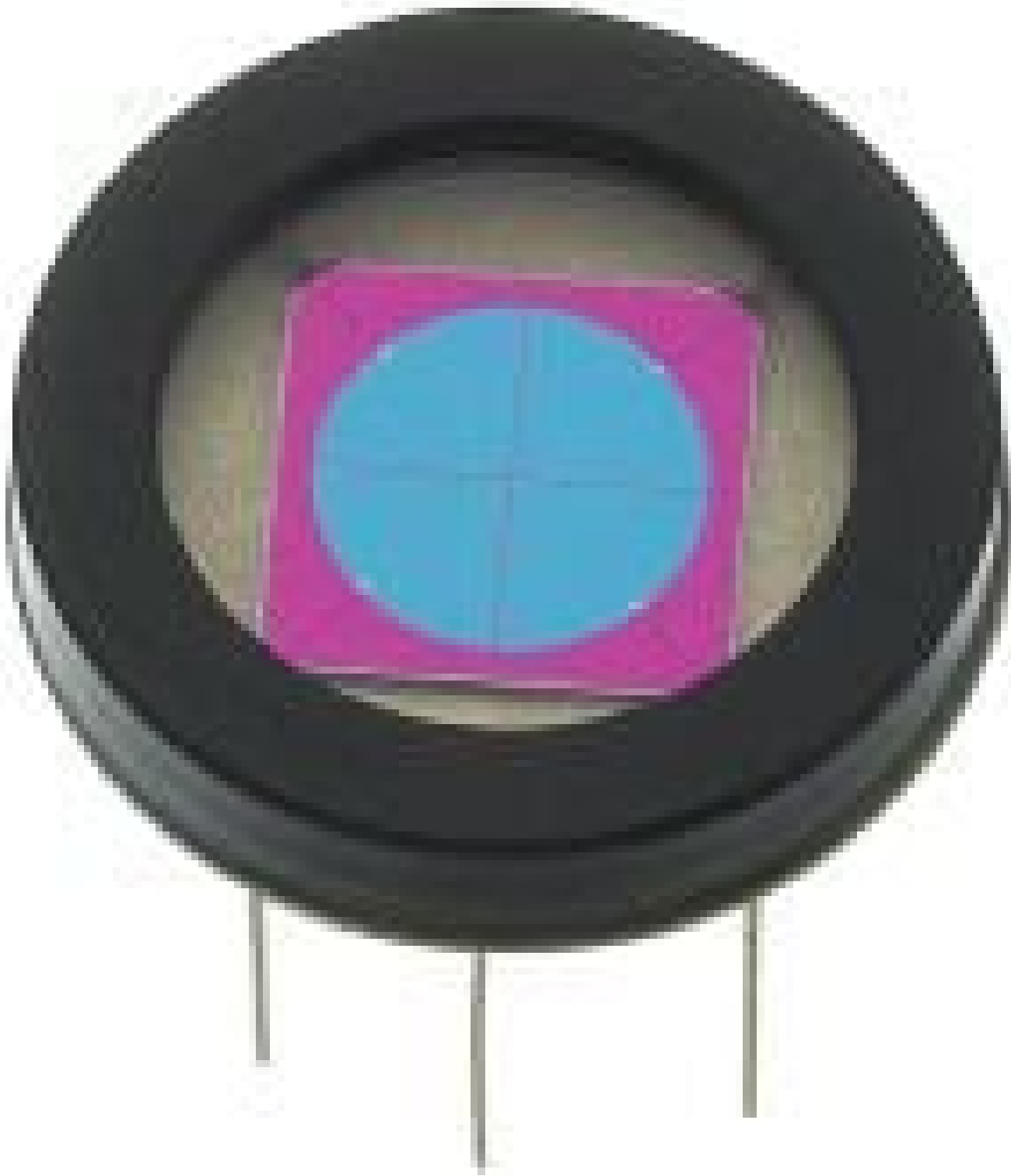


19.6mm² Four-Element Segmented Photodiode



Stock #84-615 [CONTACT US](#)

- 1 + MRP ₹25,913

i Price inclusive of all taxes

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Volume Pricing

Qty 1-4	₹25,913 each
Qty 5-9	₹22,833 each
Qty 10-24	₹20,284 each
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General

3.00 Rise Time (ns):

SPOT-9D Model Number:

Physical & Mechanical Properties

10 Dia. Size of Active Area (mm):

19.6 **Active Area (mm²):**

0.102 **Element Gap (mm):**

Electrical

Responsivity @ 970nm (AW):
Minimum: 0.6
Typical: 0.65

Capacitance @ V_R=-10V (pF):
60.00

Noise Equivalent Power NEP (W/ Hz^{1/2}):
1.9 x 10⁻¹⁴ @ -10 V, 970nm

Maximum Reverse Voltage (V):
30.00

Dark Current @ V_R=-10V (nA):
Maximum: 10
Typical: 0.5

Hardware & Interface Connectivity

Connector:
43 / LoProf

Environmental & Durability Factors

Operating Temperature (°C):
-40 to 100

Storage Temperature (°C):
-55 to 125

Regulatory Compliance

Certificate of Conformance:
[View](#)

Country of Origin:
Malaysia

Imported By:
Edmund Optics India Private Limited
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Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
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Product Details

- High Stability Over Temperature and Time
- Excellent Resolution, High Accuracy, Ultra-Low Dark Current
- Two or Four Separate Active Area Segments
- [Segmented InGaAs Photodiodes](#) Also Available

Segmented Photodiodes are designed for a wide variety of applications that require high stability and fast response times. Featuring position resolutions of greater than 0.1µm, Segmented Photodiodes are ideal for surface profiling, position measurement, alignment, or targeting. Segmented Photodiodes are segmented into either two or four separate active areas and have spectral response ranges from 350 – 1100nm. The segmented regions allow various measurement profiles on a single detector.