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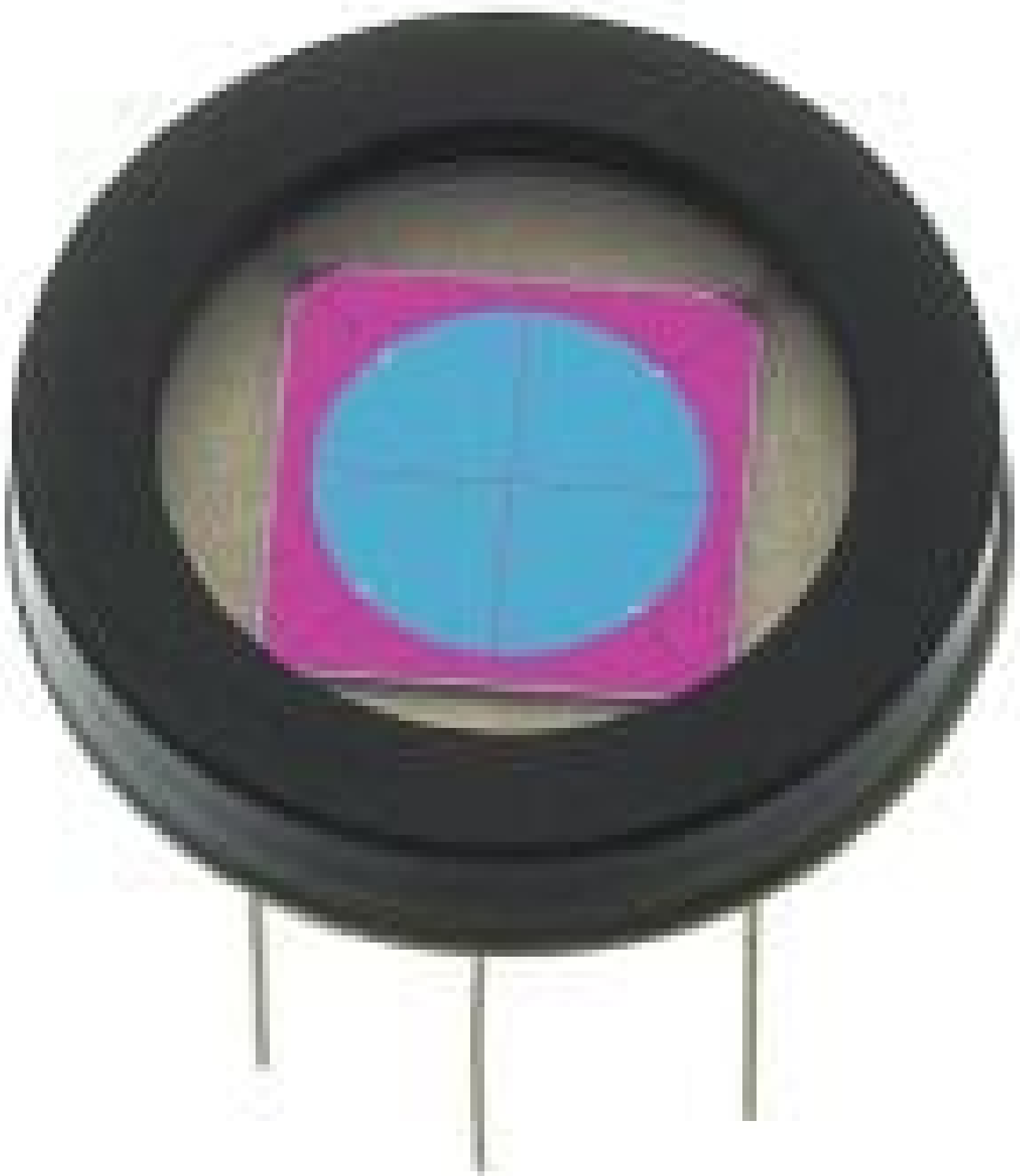
19.6mm^2 Four-Element Segmented Photodiode



Stock **#84-616** **13 In Stock**

- 1 +

MRP **₹28,037**

Price inclusive of all taxes

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Volume Pricing	
Qty 1-4	**₹28,037** each
Qty 5-9	**₹24,745** each
Qty 10-24	**₹21,877** each
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General

Rise Time (ns):
3.00

Model Number:
SPOT-9DMI

Physical & Mechanical Properties

Size of Active Area (mm):
10 Dia.

Active Area (mm^2):
19.6

Element Gap (mm):
0.010

Electrical

Responsivity @ 970nm (A/W):
Minimum: 0.6
Typical: 0.65

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

Noise Equivalent Power NEP (W/ $Hz^{1/2}$):
1.9×10^{-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
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

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.

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