

Laser Analog Detector

Part No: PD-05



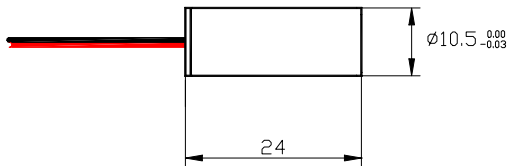
Product Features

- Opto-electronic Integrated
- High Responsivity
- Analog Voltage Output

Application

- Measurement
- Automation
- Alignment

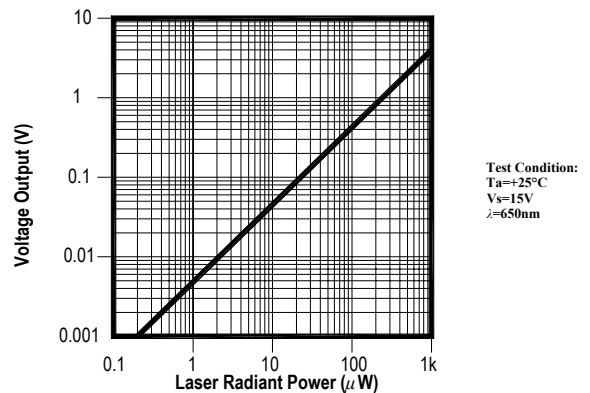
Mechanical Drawing



Specification

RESPONSIVITY	
Wavelength Range	400 - 1000 nm
Sensitivity	0 - 1 mW
Photodiode Size	2.3 × 2.3mm
Bandwidth	4kHz
Voltage Output	(V ₊) - 0.65V
Voltage Output vs. Temperature	200ppm/°C
Dark Error	± 2mV
ELECTRICAL	
Operating Voltage	5V to 15 VDC
Operating Current	< 0.5 mA
Electrical Connections	+(Red), -(Black), Output (White)
MECHANICAL	
Dimension	10.5 mm(D)x 24 mm (L)
Cable	200 mm
Operating Temperature	-40°C to +80°C
Storage Temperature	-40°C to +80°C
Heat Sink Requirements	Not Required

Typical Performance Curve



Limited Warranty: One year. No warranty coverage for disassembly, modifications or damage due to abuse or misapplication.

World Star Tech.

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