

DA320-SI

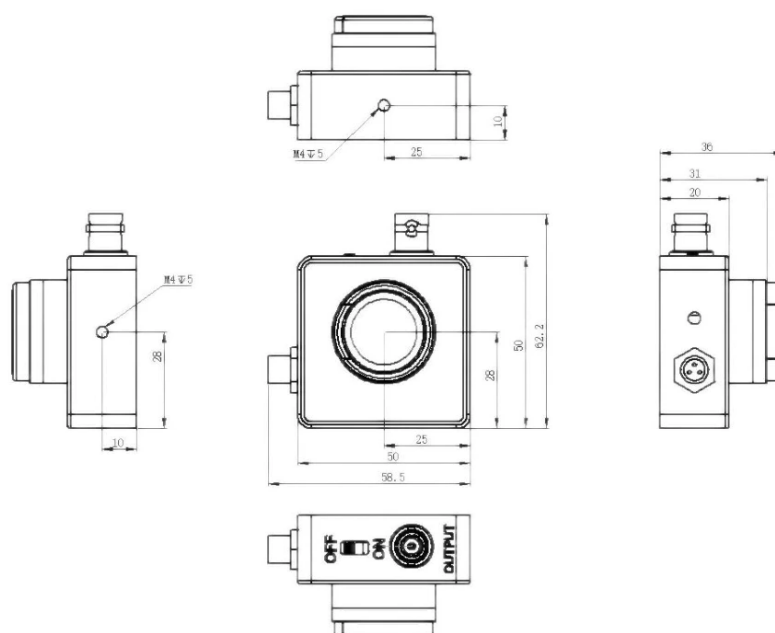
DA320-SI Pulse Photodetector

DA320-SI amplified photodetector for laser pulse measurements.

Detector specifications

Parameter	Specification
Model	DA320-SI
Wavelength range	320-1100 nm
Sensitive area	75.4 mm ² ; Ø9.8 mm
Material	Si
Rise time	35 ns
Bandwidth	DC-11 MHz
Published NEP field (inconsistent units)	50 Ω load (6.10 kV/A) ² ; numeric NEP requires confirmation
Published gain field	0.75 kV/A - 0.38 MV/A; confirm gain configuration
Operating temperature	10-50 °C
Amplifier / bias	Fixed-gain low-noise amplifier
Load	Built-in 50 Ω load
Optical attenuation	Removable attenuator
Power supply	±12 V regulated linear supply

Technical figures



DA320-SI mechanical outline

Conditions and configuration notes

Match optical power and spot size to the detector and attenuation. The oscilloscope, cable and termination affect the observed pulse response.

The published NEP cell contains gain-like units and a superscript 2, while the gain range has an unexplained trailing marker. No corrected NEP or gain interpretation is inferred. Confirm both values before quantitative low-noise measurements.

Prepared by Precisometer. Technical review: 24 October 2026. Confirm the supplied configuration, measurement conditions, accessories and warranty with the quotation.

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