

Coherent® High Sensitivity Optical Power Sensor 1098313 | VIS, 400-1060nm

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General

Model Number:
OP-2 VIS
Coherent Part Number: 1098313

Type:
[Meter required](#)

Calibration Uncertainty (%):
±12.0 from 440 to 445nm
±5.0 from 450 to 1100nm

Air **Cooling Method:**

Compatible Meters:
[#35-203](#), [#12-393](#), [#59-978](#),
[#88-411](#), [#66-277](#), [#88-412](#)

Physical & Mechanical Properties

7.9 **Active Area Diameter (mm):**

Optical Properties

400 - 1100 **Wavelength Range (nm):**

Sensor

Silicon **Type of Sensor:**

Electrical

50 **Maximum Incident Beam Power (mW):**

10 **Minimum Incident Beam Power (nW):**

1 **Resolution (nW):**

10nW - 30mW **Power Range:**

Hardware & Interface Connectivity

1.8 **Length of Cable (m):**

DB-25 **Computer Interface:**

Regulatory Compliance

[Exempt](#) **RoHS 2015:**

[Contains SVHC\(s\)](#) **Reach 224:**

[View](#) **Certificate of Conformance:**

Product Details

- Utilize Silicon or Germanium Detectors
- Ideal for nW to Low mW CW Laser Measurements
- Removable Light Shield
- Compatible with [Coherent® Laser Power and Energy Meters](#)

Coherent® High Sensitivity Optical Power Sensors are semiconductor sensors designed for nanowatt to low milliwatt continuous wave laser measurements. These semiconductor sensors are available for detection from the ultraviolet to the infrared, and feature a removable light shield. An attenuator is also available that will boost power up to 5W.

Note: OP-2 sensors are compatible with the LabMax-Pro ([#35-203](#)), LabMax-TOP/TO ([#88-412](#)), FieldMaxI-TOP/TO ([#66-277](#)), and FieldMate ([#59-978](#)) meters.