

# ProV

- Digital Camera Sensor



- Stable readings in harsh environments
- Optimized for high temperature alloys
- Non Contact Measurement
- Easy to install

# ProV

The ProV Digital Camera Sensor from Precimeter combines high performance laser triangulation with all the control functions you need to maintain molten metal level.

The patented digital camera technology in the Precimeter sensors, results in very high performance and accuracy. The advanced technology makes it possible to give stable readings even when the material reflectivity changes dramatically and in harsh conditions like steam and smoke.

The ProV series is developed and optimized to measure on high temperature molten metal surfaces above 800 °C.

Technical Specifications	Technical Specifications
<p><b>Sensor type:</b> ProV CD180R200  <b>Clearance Distance:</b> 180 mm (7.1")  <b>Measurement Range:</b> 200 mm (7.9")</p> <p><b>Sensor type:</b> ProV CD1150R400  <b>Clearance Distance:</b> 1150 mm(45.3")  <b>Measurement Range:</b> 400 mm(15.8")</p> <p><b>Sensor type:</b> ProV CD1000R900  <b>Clearance Distance:</b> 1000 mm(39.4")  <b>Measurement Range:</b> 900 mm(35.4")</p> <p>Other ranges available upon requests</p>	<p>Light source: Laser            Laser power: &lt;30 mW, Class IIIB            Sampling frequency: 252 Hz            Communication: RS232-C            Analog output: 4-20 mA            (optional 0-10 VDC, 0-20 mA)            Temperature output: 4-20 mA (0-100 C)            Resolution: Typical 0.1 mm            Non-linearity: ± 0.2% of measurement range            Power requirement: 18-32 VDC, &lt; 1 A</p>

## Contact Precimeter Group

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