

ProFe Digital Camera Sensor - for molten iron level control



- Stable readings even in difficult environments
- PC Software included
- Easy to install

ProFe Digital Camera Sensor




Advantages:

- Stable readings even in difficult environments
- Easy to install
- Compact design
- Control system adapted to our RACT actuator
- PC Software gives access to all sensor parameters

The ProFe 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 built in PI controller eliminates the need for an external industrial controller, the system cost is reduced and setting up the system becomes very easy.

Technical Specifications	Technical Specifications
<p>Sensor type: ProFe CD180R200 Clearance Distance: 180 mm (7.1") Measurement Range: 200 mm (7.9")</p> <p>Sensor type: ProFe CD1150R400 Clearance Distance: 1150 mm(45.3") Measurement Range: 400 mm(15.8")</p> 	<p>Light source: Laser Laser power: <10 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: R/4096 Non-linearity: ± 0.2% of measurement range Power requirement: 18-32 VDC, < 1 A</p>

Contact Precimeter Group

EASTERN AND CENTRAL EUROPE DIE CASTING AND EM PUMPS

Carli Precimeter GmbH
Kirberg 5/ D-51674 Wiehl/ DE
Phone: +49-2262-701624 Fax: +49-2262-701625

WESTERN EUROPE, MIDDLE EAST, AFRICA, ASIA AND AUSTRALIA

Precimeter Control AB
Östra Hamnen 7/ SE-475 42 Hönö/ SE
Phone: +46-31-764 55 20 Fax: +46-31-764 55 29
www.precimeter.com
info@precimeter.com

NORTH, CENTRAL AND SOUTH AMERICA

Sentech Precimeter Inc.
2215 S. 48th Str. #C / Tempe, AZ 85282/ U.S.A
Phone: +1 (480) 829-1923 Fax: +1 (480) 894-5546

Local Precimeter Contact