

# E200 Solids Media Flow Sensor Capacitive Technology

999366



Exterior 1.25 inch NPT  
Interior bore 19mm  
optional bore 12mm

Output 0-10 Vdc  
Power +/- 12 Vdc

- \* Media Flow Sensor
- \* All materials
  - Glass Bead
  - ALOX
  - Ceramic Bead
  - steel shot
  - sand
  - black beauty

The solids mediaflow sensor is based upon capacitive sensing technology and can detect the flow of any two-phase material (air+ solid media). The electric charge on each particle is detected by the sensor and converted to a 0-10 Vdc output signal. The standard bore is 19mm (3/4 inch) but other sizes are available.

The pipe connections on the input and the output of the sensor should be approximately 15 inches (based upon 20:1 ratio of length to diameter for laminar flow).

19mm bore part number 999366  
12mm bore part number 999266

**ELECTRONICS INCORPORATED**

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# \* E200 Media Flow Sensor\*

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Model MSD Bargraph Display



Model 160P Digital/Analog Display

The E200 output signal, 0-10 Vdc, can be directed to either the bargraph display of the MSD or the combination digital/analog display of the model 160P. These units require 110 Vac mains power and provide +/- 12 Vdc power for the E200 Sensor.

For more information see the data sheets for each product.

Replacement circuit card model E200 PCA part number 999268

