



THE CANARY™
Particulate Velocity Gas Flowmeter
General Specifications

Pipe Size Installation Range
4" to 30"

Measurement Range
0.1m/s – 150 m/s

Measurement Accuracy
+/- 5% (0.1 m/s - 1m/s)
+/- 2.5% (1 m/s - 100m/s)
+/- 5% (100 m/s – 150 m/s)

Measurement Repeatability
+/- 1% (0.1 m/s – 150 m/s)

Turndown Ratio
1:1500

Ambient Temperature
Powerup: -20°C to +50°C
Operating: -40°C to +50°C

Process Temperature
-40°C to +100°C

Maximum Operating Pressure
150 psig

Wetted Materials
Meter Body: 316L Stainless Steel
Optical Windows: Borosilicate Glass

Analog Output Signal
Frequency/Pulse
Current Loop (4 - 20 mA)

Digital Output Signal
WITS (Level 0)
Wireless WITS (Level 0)
TCP (Modbus)
RS-485 (Modbus)

System Diagnostics
Low Particle Signal Level Alarm

Datalogging Capabilities
2GB Onboard Storage
1, 3, 5, & 10 Second Selectable Data Rate
FTP Data Retrieval via External Ethernet Port

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