

Specifications

Approvals:

Certified to CSA/CUS Standards: Class 2252-03 & 2252-83 for Process Control Equipment in Ordinary Locations Only; CSA Enclosures Type 4X, IP66

Linear signal output

0–5 VDC & 4–20 mA (Flow and Temperature)

Event Relay Rating one with Frequency or two, 1 Amp @ 30Vdc (33W)

Signal Interface

RS232 & RS485 Modbus RTU embedded

Optional HART or Profibus DP

LCD (flow rate, flow total, gas temperature)

Accuracy, including linearity (Ref.: 21°C)

±(1% of Reading + 0.5% of Full Scale + GTC)

Repeatability

±0.2% of Full Scale

Sensor response time

1 second to 63% of final value

Turn down ratio

100:1 @ 10 SFPM (.051 NMPS) Minimum Reading

Electronics PCB temperature range

-40° to 158°F (-40° to +70°C)

Environmental temperature range

-40° to 140°F (-40° to +60°C)

Gas temperature range

40°–150°F (5°–65°C)

Gas temperature coefficient (GTC)

0.05% Full Scale/°C @ 40°–100°F (5°–40°C)

0.10% Full Scale/°C @ 100°–150°F (40°–65°C)

Pressure rating maximum

500 PSI

Input power requirement

24VDC @ 250mA

115 VAC 50/60 Hz optional

230 VAC 50/60 Hz optional

Flow Transmitter power requirements

5 watts maximum

RAM Back-up

Lithium Battery

Wetted materials

316 Stainless Steel (Hastelloy optional)

Standard temperature & pressure (STP)

70°F & 29.92" Hg (Air .075 lb./cubic foot)

NIST traceable calibration

Standard