

Specifications

Approvals:

Currently no product agency approvals.

Enclosure Certifications by manufacturer

CSA – CL. I. GR. A,B,C,D; CL. II. GR. E,F,G; CL. III.;TYPE 4X

US – CL. I. GR. A,B,C,D; CL. II. GR. E,F,G; CL. III.;TYPE 4X

IECEX – Ex d IIC Gb, Ex t IIIC Db,

ATEX – II 2G Ex IIC Gb, II 2Dd Ex t 111C Db

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°–392°F (-40°–200°C)

Gas temperature coefficient (GTC)

0.02% Full Scale/°C

Gas pressure effect

Negligible over ± 20% of absolute calibration pressure

Pressure rating maximum

500 PSI Std.

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

NOTE: Specifications subject to change without notice.