



Please consult factory or your local representative for proper recommendations. To expedite a quotation, please complete the following worksheet and fax it to us at 978-777-8820 or email to sales@auburnsys.com.

Model #: 4002 - [] - [] - [] - [] - [] - []

ELECTRONICS

E1 Power

- 1. 105 to 130 VAC, 50/60 Hz
2. 210 to 260 VAC, 50/60 Hz
9. 10 to 32 VDC

E2 Output

- 1. 4-20 mA, 0-100% bar graph
2. Add: Pre-Vent Dual Alarm System
3. Add: Tribotrac Leak Detector System

SENSOR

Base - System Style

- I. Integral Sensor
R. Remote Sensor (Cable Required)

S1 Probe Material

- 1. 316 Stainless Steel
2. Carbide
3. Inconel
4. Hastelloy
9. Special

S2 Insulator Material

- 1. Teflon (TFE): -40° to 300° F (-40° to 150° C); up to 30 psi
2. Ceramic (High Temperature or Pressure): -40° to 1000° F (-40° to 540° C); up to 2000 psi
3. Teflon (TFE) with Air Purge: -40° to 300° F (-40° to 150° C); up to 30 psi
4. Ceramic with Air Purge
5. Extended High Performance (PFA): Standard -40° to 475° F (-40° to 240° C); up to 30 psi
6. Extended High Performance (PFA) with Air Purge
9. Special

S3 Probe Insertion Length*

- 1. 1/2" (1.3cm)
2. 3" (7.6cm)
3. 6" (15.2cm)
4. 12" (30.5cm)
5. 18" (45.7cm)
6. 30" (76.2cm)
7. 36" (91.4cm)
9. Special

* Probe length should reach approximately mid-duct; for large ducts (>72"). Contact Auburn for additional options.

S4 Sensor Mounting

- F. Flanged
N. 1/2" Male NPT
Q. Quick Release
S. Special
T. Threaded Quick Release
V. Venturi (Fugitive Dust)

Cable Length (feet)

@ \$ /foot

Cable Terminals

Factory Installed @ \$ /set

or Field Kit @ \$ /set

Extras

Manuals (one included) @ \$ each

Stainless Steel Tags @ \$ each

Set of Prints @ \$ each

Spare Parts Kit @ \$ each

Field Test Unit @ \$ each

Electronics Base

E1 Power

E2 Output

Sensor Base

S1 Probe Material

S2 Insulation

S3 Length

S4 Mounting

Cable

Connectors

Extras

\$ Total

REQUEST FOR QUOTE:

Name

Title

Company

Address

City State Zip

Telephone () Fax ()

Email

APPLICATION

- Fabric Filter
Cyclone
Other

CONCERN

- Environmental
Maintenance
Process/Prod. Loss

PROCESS CONDITIONS

Temperature ° F (C°) Particulate

Duct ID inches (cm) Gas

Pressure psig (bar) Velocity ft./min (m/s)

Comments

SPECIFICATIONS:

ELECTRONICS

Enclosure

NEMA 4 (Integral sensor); NEMA 4/7/9 (Remote sensor)

Power

105-130 VAC (210-260 VAC or 10-32 VDC optional), 50/60 Hz

Power Required

5 Watts maximum load

Operating Temperature

20° to 140°F (-30° to 60°C)

Humidity Range

0 to 95% relative; non-condensing

Hazardous Rating

Designed for Class I & II; Div. 1 & 2; Group B, C, D, E, F & G. CE approved.

Sensitivity Range

Adjustable 100-1 range; 0.0005gr/dscf (1 mg/m3) typical detection

Sensitivity Setpoint

Baseline level setting indicated by first segment of LED bar graph

Smoothing

Adjustable from 0.1 to 22 seconds

Output

4-20 mA non-isolated, 500 Ohm loop max; 10 segment LED bar graph (0-100%)

SENSOR

Sensor Probe

316 stainless steel (STD); other materials available.

Other Wetted Parts

303 Stainless Steel minimum grade

Insertion Length

3, 6, 12, 18, 30, 36 inch (7.6, 15.2, 30.5, 45.7, 76.2, 91.4 cm) Standard

Integral Sensor Assembly

Quick release fitting with ferrule, clamp, gasket, and extended PFA insulator; usable in gas streams to 160°F (70°C).

Remote Sensor Assembly

Quick release or 1/2" NPT mounting and extended PFA insulator, usable in gas streams to 475°F (240°C). NEMA 4X enclosure.

Options

Ceramic insulator, usable in gas streams to 1,000°F (540°C).

PREVENT DUAL ALARM SYTEM**

TRIBOTRAC LEAK LOCATOR SYTEM**

**Please contact your rep or Auburn for additional information on these options.

Quotation Date Number of Units

Unit Price \$ Total \$

Est. Delivery week(s) ARO (Quote valid 30 days; FOB Danvers, MA.)

