

To expedite a quotation, please print and complete the following **blue** areas and fax it to us at **978-777-8820**.

Model #: **40**  -    -  -

**ELECTRONICS**  
Base - Sensing Mode

**01. Emissions**  
11. Flow

**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. 1 SPDT Relay

**E3 Enclosure**  
1. No window  
2. Window

**SENSOR**  
Base - System Style  
I. Integral Sensor  
R. Remote Sensor (Cable Required)

**S1 Probe Material**  
1. 316 Stainless Steel  
2. Tungsten Carbide  
9. Special

**S2 Insulation**  
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 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 450°F (-40° to 235°C); up to 30 psi  
6. Extended High Performance with Air Purge  
9. Special

**S3 Probe Insertion Length**  
1. ½" (1.3cm)                      5. 18" (45.7cm)  
2. 3" (7.6cm)                      6. 30" (76.2cm)  
3. 6" (15.2cm)                    7. 36" (91.4cm)  
4. 12" (30.5cm)                   9. Special

**S4 Sensor Mounting**  
Q. Quick Release                      V. Venturi (Fugitive Dust)\*  
N. ½" Male NPT\*                      S. Special  
\* Remote Only

Electronics Base \_\_\_\_\_

E1 Power \_\_\_\_\_

E2 Output \_\_\_\_\_

E3 Enclosure \_\_\_\_\_

Sensor Base \_\_\_\_\_

S1 Materials \_\_\_\_\_

S2 Insulation \_\_\_\_\_

S3 Length \_\_\_\_\_

S4 Mounting \_\_\_\_\_

Cable \_\_\_\_\_

Connectors \_\_\_\_\_

Extras \_\_\_\_\_

\$ \_\_\_\_\_

**QUOTE FOR:**

Name

Title

Company

Address

City  State  Zip

Telephone

Fax

PROCESS CONDITIONS	APPLICATION	CONCERN
Temperature <input type="text"/> °F (°C)	<input type="checkbox"/> Fabric Filter	<input type="checkbox"/> Environmental
Duct ID <input type="text"/> inches (cm)	<input type="checkbox"/> Cyclone	<input type="checkbox"/> Maintenance
Solid <input type="text"/>	<input type="checkbox"/> Other	<input type="checkbox"/> Process/Lost
Pressure <input type="text"/> psig (bar)		
Velocity <input type="text"/> f/s (m/s)		
Gas <input type="text"/>		
Comment <input type="text"/>		

**QUOTE INFORMATION (FOR INTERNAL USE):**

Quotation Number \_\_\_\_\_ PO Number \_\_\_\_\_

Unit Price \$ \_\_\_\_\_ Number of Units \_\_\_\_\_ Total \_\_\_\_\_

Delivery \_\_\_\_\_ days ARO

Price quote valid 30 days; Terms: Net 30, FOB Danvers, MA.

Signature \_\_\_\_\_ Date \_\_\_\_\_

**ELECTRONICS**

**Operating Mode** Emissions or Flow Applications

**Enclosure** Integral NEMA 4; Remote NEMA 4/7/9; CE Approved. female 3/4" NPT conduit connections; Integral-2, Remote-3. 115 or 230V, 50/60Hz, 5 Watts maximum load.

**Power** 115 or 230V, 50/60Hz, 5 Watts maximum load.

**Operating Temperature** - 20° to 150°F (-30° to 65°C).

**Designed** Class I, II, III; Division 1, 2; Group B, C, D, E, F, G.

**Response Time** 0.1 to 22 seconds.

**Sensitivity** 100 to 1 range; 0.0044 gr/dscf (10 mg/m³) typical minimum concentration detectable.

**Alarm Setpoint** 1x to 10x of normal baseline.

**AlarmTime Delay** 0 to 60 seconds, and 0 to 10 minutes.

**SENSOR**

**Remote Sensor Enclosure** NEMA 4X

**Wetted Metal Parts** Probe-316 Stainless Steel. All others - 303 Stainless Steel minimum grade.

**Insulation** Extended high performance to prevent conductive bridging. Should reach approximately midpoint of duct or farther. Large ducts require remote connection and multiple remote sensors with daisy chain connection.

**Probe Length** Weld the fitting into the pipe or duct, and insert sensor.

**Installation** Weld the fitting into the pipe or duct, and insert sensor.

**Other** Triboelectric Cable (for remote sensor configuration only):  
Temperature range: -60° to 400°F (-50° to 200°C);  
Maximum distance: 300ft (100m).  
Cable Connectors: Ring lug at electronics; push-on at sensor.

Cable Length (feet)\*  feet @ \$ \_\_\_\_\_/foot

Cable Terminals\*  
Factory Installed  @ \$ \_\_\_\_\_/set  
or Field Kit  @ \$ \_\_\_\_\_/set

\*Cable and connectors are for Remote Style Only.

**Extras**

Manuals (one included)  @ \$ \_\_\_\_\_ each

Stainless Steel Tags  @ \$ \_\_\_\_\_ each

Set of Prints  @ \$ \_\_\_\_\_ each

Spare Parts Kit  @ \$ \_\_\_\_\_ each

Field Test Unit  @ \$ \_\_\_\_\_ each

