



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 #: 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. 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. 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
 _____ E3 Enclosure
 _____ 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 150°F (-30° to 65°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.
Alarm Threshold	Adjustable from 1 to 10 times baseline level
Alarm Time Delay	Adjustable ranges of 0-60 seconds and 0-10 minutes
Sensitivity Range	Adjustable 100-1 range; 0.0005gr/dscf (1 mg/m3) typical detection
Sensitivity Setpoint	Baseline level setting indicated by tri-color LED
Smoothing	Adjustable from 0.1 to 22 seconds
Output	SPDT, 5A @ 250 VAC, 30 VDC relay contact for alarm indication
SENSOR	
Sensor Probe	316 stainless steel (standard); other materials avail- able. Specify length to reach or exceed mid-duct.
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).

Quotation Date _____ Number of Units _____
 Unit Price \$ _____ Total \$ _____
 Est. Delivery _____ week(s) ARO (Quote valid 30 days; FOB Danvers, MA.)

