

Customer Application Data Sheet (Gas Density)

Customer: _____
Tag No. _____
Plant Name _____ Address _____
Contact: _____
Telephone _____
Email: _____

1. Purpose of Use:

Monitoring ☐ Control ☐ Alarm ☐ Transaction ☐ Other ☐

Quantity to be measured:

Density ☐ Specific Gravity ☐ Molecular wt ☐ Caloric Value ☐ BTU ☐
H2 in Air ☐ Air in CO2 ☐ H2 in CO2 ☐ Concentration ☐

Measuring Range: _____

☐ ☐ ☐ ☐ ☐

2. Utilities & Installation Conditions:

Power Supply: _____ VAC ☐ _____ VDC ☐ _____ Hz ☐

Instrument Air: pressure: _____ psi ☐ Pa ☐

Steam Supply: pressure: _____ psi ☐ Pa ☐

temperature: _____ °C ☐ °F ☐

Cooling Water: pressure: _____ psi ☐ Pa ☐

temperature: _____ °C ☐ °F ☐

Distance from sample point to analyzer: _____ m

3. Process Conditions:

Gas Composition	Concentration (vol%)			Density
	Normal	Max	Min	
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

Pressure at sampling point: _____ psi ☐ kpsi ☐

Temperature at sampling point: _____ °C ☐ °F ☐

Quantity of dust: _____ g/m³ ☐

Moisture: _____ vol% ☐ °C ☐ °F ☐

Corrosiveness: ☐ Yes ☐ No

4. Installation Conditions

Temperature: _____ °C ☐ °F ☐
Corrosive gas: ☐ Yes ☐ No
Vibration: ☐ Yes ☐ No
Location ☐ Indoor ☐ Outdoor

Recommended System**Converter:**☐ Explosion ☐ Non-explosion**Detector:****Gas Sample System:****Other:****Notes:**