

APPENDIX A

SENSOR SPECIFICATIONS

HYDROGEN FLUORIDE

(Refillable)

(0-10.0 ppm)

Part No. 071201-D-1

Minimum Indicated Concentration	0.4 ppm
Repeatability	± 10% of reading
Accuracy *	± 10% of reading
Zero Drift	< 5% change per year (typical)
Span Drift	< 3% change per month (typical)
Response Time (Rise)	T ₅₀ : < 60 seconds, successive exposures T ₉₀ : < 300 seconds, successive exposures
Recovery Time (Fall)	T ₁₀ : < 300 seconds
Temperature Range (continuous)	-5° to 40°C (23°F to 104°F)
Humidity Range (continuous)	5–95 %RH, non-condensing
Humidity Range (intermittent†)	0–99 %RH, non-condensing
Pressure Range	Ambient atmospheric, ± 1 psi
Recommended Calibration Flow Rate	1.0 LPM
Oxygen Requirement	None
Position Requirement	± 30° from vertical

† Gas exposure should not exceed eight (8) hours during any 24 hour period.

* When unit is calibrated and serviced at recommended intervals.

HYDROGEN FLUORIDE