

PHOSGENE

(0-1.00 ppm)

Part No. 471042-D-1X

Minimum Indicated Concentration	0.04 ppm
Repeatability	± 2% of reading
Accuracy *	± 2% of full scale
Zero Drift	< 5% change per year (typical)
Span Drift	< 10% change per year (typical)
Response Time (Rise)	T ₅₀ : consult factory T ₉₀ : consult factory
Recovery Time (Fall)	T ₁₀ : consult factory
Temperature Range	-20° to 50°C (-4° to 122°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	1% by volume, minimum

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

* When unit is calibrated and serviced at recommended intervals.

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Interferent	TLV	LEL	Exposure	Response
Alcohols	- - -	- - -	1000 ppm	None
Carbon Dioxide	5000 ppm	***	5000 ppm	None
Carbon Monoxide	25 ppm	12.5 %v	1000 ppm	None
Chlorine	0.5 ppm	***	1 ppm	None
Hydrocarbons	- - -	- - -	100 %v	None
Hydrogen	asphyxiant	4.0 %v	1 %v	None
Hydrogen Chloride	C 5 ppm	***	5 ppm	None *
Hydrogen Cyanide	C 4.7 ppm	5.6 %v	5 ppm	None *
Hydrogen Fluoride	3 ppm	***	3 ppm	None
Hydrogen Sulfide	10 ppm	4.0 %v	1 ppm	None *
Nitrogen	asphyxiant	***	100 %v	None
Phosphine	0.3 ppm	***	0.3 ppm	None
Sulfur Dioxide	2 ppm	***	2 ppm	None

* Gases can poison sensor after filter breakthrough.

Interferent Notes

(***) means the substance is not combustible in air under normal conditions. "C" Denotes a ceiling (in TLV column).

If an interferent is present and there is no target gas, certain transmitters will not display the interferent response until the EFFECT of the interferent reaches ± 0.04 ppm. This is due to display "blinking" that occurs between - 0.03 ppm and + 0.03 ppm on transmitters that display gas concentrations with two digits after the decimal.