

HYDROGEN

(0-1000 ppm)

Part No. 101332-D-1

| | |
|---|---|
| Minimum Indicated Concentration | 31 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 : < 10 seconds, (typical) T ₉₀ : < 30 seconds, successive exposures |
| Recovery Time (Fall) | T ₁₀ : < 60 seconds |
| 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 |
|-------------------|------------|---------|----------|----------|
| Carbon Monoxide | 25 ppm | 12.5 %v | 5 ppm | + 1 ppm |
| Chlorine | 0.5 ppm | *** | 1 ppm | None |
| Ethylene | asphyxiant | 3.1 %v | 1.3 ppm | + 1 ppm |
| Hydrogen Chloride | C 5 ppm | *** | 5 ppm | None |
| Hydrogen Cyanide | C 4.7 ppm | 5.6 %v | 4 ppm | + 1 ppm |
| Hydrogen Sulfide | 10 ppm | 4.0 %v | 5 ppm | + 1 ppm |
| Nitric Oxide | 25 ppm | *** | 4 ppm | + 1 ppm |
| Nitrogen Dioxide | 3 ppm | *** | 5 ppm | None |
| Sulfur Dioxide | 2 ppm | *** | 5 ppm | None |

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 ± 4 ppm. This is due to display "blinking" that occurs between -3 ppm and + 3 ppm on transmitters that display gas concentrations as whole numbers (no decimals).