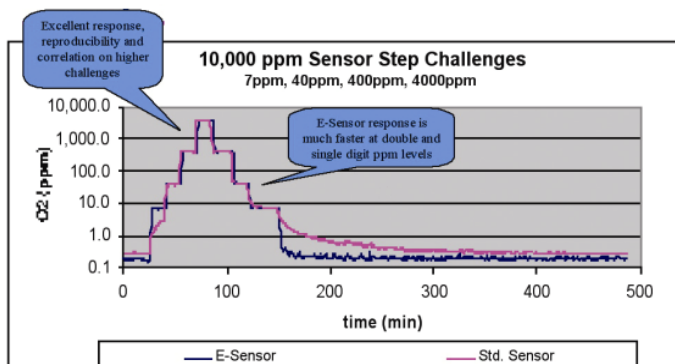


DF-320E

Oxygen Analysis for Hazardous Areas

The DF-320E with the E-Sensor is specifically designed for harsh and hazardous environments. The DF-320E can handle Class I, Div 2, Groups A,B,C,D, and ATEX Zone 2 certification, where potential explosions are a possibility.



Configuration and Installation

Delta F provides comprehensive assistance for a broad variety of application problems including sample gases with acids, hydrocarbons, particles and other contaminants. Depending on the model, Delta F analyzers can be configured to provide a wide choice of outputs for data collection and process control systems. Most Delta F analyzers can be configured for remote operation and all can be ordered with classified area enclosures. Contact your Delta F rep for an Applications Data Sheet and pricing information.

Rugged

- Designed to work in Class I Div. 2
- Best analyzer for harsh or hazardous applications

Accuracy

- The greater of $\pm 3\%$ reading or $\pm 0.5\%$ range
- Ranges from 0-0.5 ppm to 25%

Fast Response

- Instantaneous response to oxygen change
- Fast response, typically less than 10 seconds to read 90% of a step change

For more information about the DF-320E, the 300E Series or the E-Sensor, visit www.delta-f.com.

DF-320E Performance

Lowest Detection Level (LDL)	3 ppb (320E-H0050M)
Response Time	Instantaneous to O ₂ change
Upset Recovery	<10 seconds to read 90% of step change
Ranges	0-0.5 ppm to 25%
Ambient Operating Temperature	32° to 113° F (0° to 45° C)

Specifications

Sample Pressure	0.2 to 1.0 psig
Sample Flow	1 to 3 scfh
Gas Compatibility	All inerts and passive gases including N ₂ , H ₂ , CO, freons, hydrocarbons, etc.

Options

Battery Backup
 Stab-EL™ option removes acids and ionic impurities from the electrolyte
 22-28 VDC, 1 Amp (max), 110 or 220 VAC
 RS-232 and RS-485
 Up to 4 Assignable Alarm Relays
 Remote NEMA 4, NEMA 7 or sensor bracket



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