

DAVITEQ HYDRO SULFIDE H2S GAS SENSOR, 50 PPM, SERI-4

SENSOR SPECIFICATION

| MEASURING SPECIFICATION | |
|---|---|
| Sensor type | Daviteq Seri-4 electrochemical gas sensor |
| Nominal range | 0-50 ppm |
| Maximum overload | 100 ppm |
| Resolution | 0.1 ppm |
| T90 response time | < 25 s |
| Typical Baseline Range (pure air, 20°C) | -0.1 ppm .. + 0.1 ppm |
| Repeatability | < 2% of reading |
| Accuracy | +/- 5% of reading |
| Zero Stability | 0 .. 0.2 ppm in pure Air, 20oC |
| Temperature compensation | Yes |
| WORKING CONDITIONS | |
| Relative humidity range | 15 % to 90 % RH non-condensing |
| Temperature range | -40 °C to 50 °C |
| Pressure range | Atmospheric ± 10% |
| SENSOR LIFETIME | |
| Expected Operation Life | 2 years in the air |
| Expected Long-Term Output Drift in air | < 2 % of reading loss per month |

We have other ranges: 100 ppm, 200ppm, 500ppm, and 2000 ppm

CROSS SENSITIVITY DATA

The table below does not claim to be complete. Interfering gases should not be used for calibration.

| Interfering Gas | Concentration (ppm) | Reading (ppm) |
|---------------------------------------|---------------------|---------------|
| CO | 100 | < 1 |
| H2 | 300 | < 1.2 |
| Methyl Mercaptan (MM, CH3SH) | 10 | ~ 5 |
| Tert-Butyl Mercaptan (TBM, (CH3)3CSH) | 10 | ~ 3.5 |

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