

Dichlorosilane 25ppm Sensor Data Sheet

Sensor response may vary slightly from sensor to sensor. All sensor cells can experience changes in output if exposed to rapidly changing temperature and humidity. Ensure sensors are located in areas not subject to changes in humidity and temperature.

All sensors are shipped pre-calibrated. Sensors should be gas calibrated if in use beyond 12 months.

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| Gas Measured | Dichlorosilane (SiH ₂ Cl ₂) |
| Sensor Module Part Number | CDS-07DC36 (formerly CDS-07DC30) |
| Sensor Type | Electrochemical |
| Range | 0 – 25 ppm |
| Minimum Alarm Set Point | 2.5 ppm |
| Lower Detectable Limit | 1.3 ppm |
| Response Time | < 45 Seconds at 3-meter tubing length |
| Repeatability | +/-5% |
| Sensor Module Life Expectancy | 3 years with annual calibration |
| Calibration Gas | HCl |
| Challenge Gas | HCl |
| Humidity Operating Range | 30-85% RH (Steady State) |
| Temperature Operating Range | -5° to 40° Celsius (Steady State) |
| Warm Up Time | <5 Minutes |
| Storage Temperature | +5° to 25° Celsius |

Cosmos sensors have excellent specificity to target gases. Even with this excellent specificity, sensors may have cross interferences to other gases, which can result in gas readings when exposed to non-target gases. Refer to "Interferences Gases Table" for this data.

For more information on sensors or pricing and availability, please contact DOD Technologies, Inc. at 815-788-5200