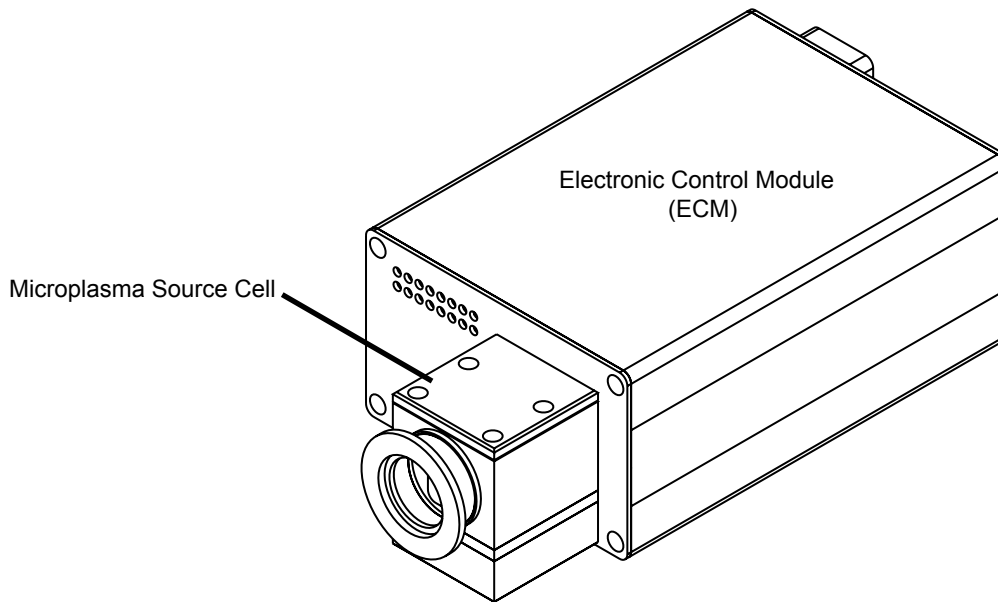


Vx-2000 Series Gas Composition Sensor Quick Installation Guide

P/N 910002R4 (November 2007)



Applicable Models

All Vx-2000 Series Gas Composition Sensors

Table 1 Power Connector	
Pin #	Connection
1	+20-30 VDC
2	+20-30 VDC
3	Ground
4	Ground

Facilities Requirements

Power:	20-30 VDC @ 3A <i>A 100-240 VAC@50/60 Hz to 24 VDC converter with connector is provided. (Verionix P/N 470014) (Bare connectors are available from Verionix or from Digikey P/N HR110-HD. Connect per Table 1)</i>
Vacuum Chamber Interface:	NW-25 (KF-25) flange, seal and clamp <i>(User provided)</i>
Communications:	RS-232 serial or RJ-45 ethernet cable (1-meter DB9 RS-232 cable provided)
Facilities Gas, CDA , Water:	None required
Approximate Weight:	3.9 lbs (1.8 kg)
Interface Computer:	A Microsoft Windows-XP compatible PC with DB9 serial port or ethernet network interface is required to use Verionix' optional <i>Verionix Viewer™</i> software package
Other Accessories: <i>(User provided)</i>	USB to DB9 adapter for Interface Computers equipped with USB serial ports only 15-pin D-sub interface ports and cables for digital and analog signaling

Installing the Vx-2000 Series Gas Composition Sensor

Before you start

- **CONFIRM** that use of a microplasma will not adversely affect the gases being monitored.
- **CONFIRM** that all facilities required have been installed and are operational. (See previous page)
- **READ** the safety section below and follow all safety precautions.
- **REVIEW** the installation process thoroughly before beginning work.

Safety



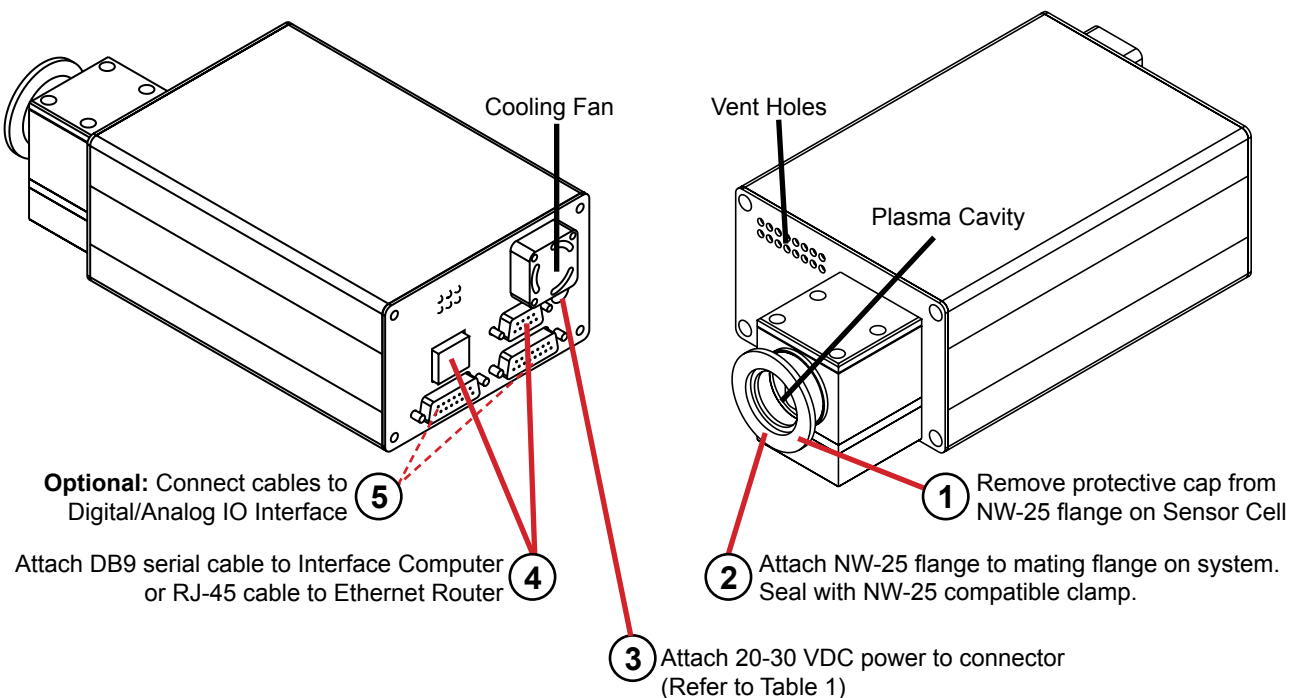
DO NOT operate the sensor without its protective enclosure.

DO NOT touch the microplasma within the Microplasma Source Cell's cavity.

DO NOT block either the Vent Holes on the ECM's front panel or the Cooling Fan on the rear panel.

Vx-2000 Series Installation

Follow the numbered steps below to install the Verionix Vx-2000 Series Gas Composition sensor:



Additional Product Information and Support

If you have additional questions or need more information, please e-mail us at Support@Verionix.com or visit us at www.Verionix.com. At our website you can download the latest versions of the Vx-2000 Series User's Guide, product specifications and related interface software.