

CalGard Remote Calibration Adapter

For use with Ultima X5000 and General Monitors S5000 Gas Monitors



Testing and calibration of gas detection sensors that are installed in difficult to access locations creates challenges for facility operators and their maintenance technicians. Sensors installed in these locations may require specialized equipment to access the sensor and subject maintenance workers to unnecessary risk.

The CalGard Remote Calibration Adapter is a stainless-steel accessory for the Ultima X5000 and General Monitors S5000 (X/S5000) digital sensors that provides reliable operation of remotely installed gas detection sensors working under harsh environmental conditions. It permits the user to complete their function tests ("bump tests") and calibrations without the need for directly accessing the sensor and greatly simplifies gas detector maintenance.

In normal measurement operation, the ambient air and any potential gas passes through the vents of the remote gas calibrator directly to the sensor (diffusion operation), permitting the sensor to respond to gas.

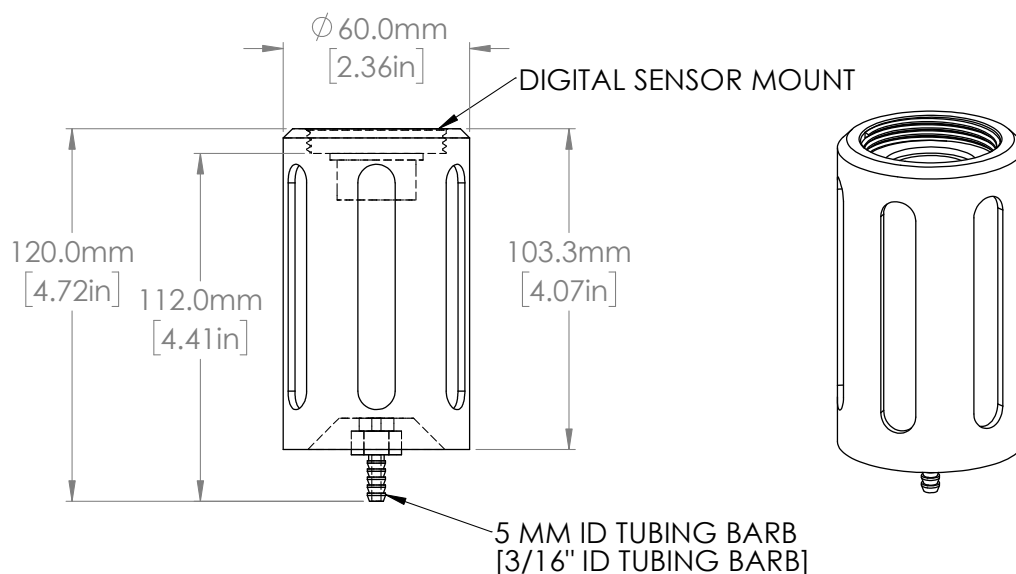
During a bump test or instrument calibration, the test gas is supplied to the sensor via the calibration tubing that is permanently connected to the barbed fitting on the bottom of the CalGard. When the test gas is applied to the calibration tubing, an integrated mechanism is activated and seals around the sensor, preventing the dilution and dispersion of test gas otherwise caused by external influences, such as wind.

Once calibration is complete and the test gas is removed, the air inlet reopens to allow the monitoring of ambient air for gas without the need for further user intervention.

Deploying the CalGard Remote Calibration Adapter with remotely mounted X/S5000 Digital Sensors greatly simplifies maintenance and enables accurate calibration of the sensors from a safe and convenient location.

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CalGard Remote Calibration Adapter



PART NO.	Description
10179871	CalGard Remote Calibration Adapter, X/S 5000

CalGard Remote Calibration Adapter X/S 5000 Specifications	
MATERIAL	316 Stainless Steel
DIMENSIONS	2.36" x 4.80" (60mm x 122 mm)
WEIGHT	1.32 lb. (0.6 kg)
WORKING TEMPERATURE	-22°F to 140°F (-30° C to +70° C)
STORAGE TEMPERATURE	-22°F to 140°F (-30° C to +70° C)
RECOMMENDED FLOW RATE	1.0 LPM

Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice.

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