

GPS-IMEASURE-D™

Duct Mounted Ion Meter

PRODUCT DESCRIPTION

The GPS-IMEASURE-D ion detector is permanently mounted in the duct or inside an air handling system downstream of any GPS ionization device. It includes three sensitivity levels of 20,000/200,000/2,000,000 ions/cc/sec that can be set based on the application and mounting location.

STANDARD FEATURES

Auto calibration, auto zero, 0-10 VDC analog output for Building Automation System (BAS) monitoring 24/7, watchdog timer, bi-color operation status LED, field selectable ion sensing range as well as a jumper for BAS selectable polarity sensing.

SPECIFICATIONS

Input Voltage	12 - 24 VDC or VAC
Current	20mA
Power Consumption	2.4 Watts
Output Impedance	1 Kohm
Unit Dimensions	Housing: 3.25"L x 6.2"W x 1.6"H Sensing Rod: 10.5"L x 2" Dia.
Output Voltage	0 - 10 VDC; scaled to selected ion-sensing range
Ion Sensing Range	0 - 20K, 0 - 200K, 0 - 2M ions/cc (+ or -)
Polarity	Field selectable positive or negative
Humidity Range	0 - 95% RH non-condensing
Temperature Range	0 - 148°F
Air Flow Capacity	1,000 - 100,000 CFM
Duct Velocity	300 - 1,100 FPM



BENEFITS

The GPS-IMEASURE-D ion detector provides remote in-duct sensing of ionization levels and reports back to a BAS, providing real time data and confirmation that the ionization system is operating.

APPLICATIONS

- Can be used with any GPS Ionization System.



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