

Vibes Agriwarehouse - Fumigation



FEATURES

The Dioxygen & Fumigation Sensor employs electrochemical technology. Fumigation in warehouse, release toxic Phosphine gas during which human entry should be prohibited. Levels of toxicity is sensed by fumigation sensor. Post fumigation normal air quality can be determined from dioxygen sensor readings.



TECHNICAL SPECIFICATION

| Vibes - Fumigation | |
|-------------------------|--|
| Power Supply | USB Powered (Type - C) / 24V DC |
| Processor | 32-bit 144 MHZ ARM Cortex M4F processor |
| Connectivity | Wired - RS485, Wi-Fi - HTTP / MQTT / any other |
| Antenna | Internal antenna with 2.5 DBI max gain |
| Operating temperature | -40°C ~ +85°C |
| Ingress Protection | IP 54 |
| Sensors Specification | |
| Range | 0 - 20ppm |
| Maximum overload | 100 ppm |
| PH3 Sensitivity | 800 - 2000nA/ppm |
| PH3 Zero in air at 20°C | < ±0.5 ppm |
| PH3 Resolution | 0.1 ppm |
| Response time, t90 | <60 s |



Firmware & Wireless Communication Features:

- Transmit the value either wired and wirelessly through RS485 and HTTP/MQTT endpoint.
- Firmware can be updated for HTTP/MQTT Endpoints on Azure /AWS or as required by OEM. aws Azure
- Firmware can be also modified remotely via FOTA.
- Configurable through App to wireless network of your choice assigning network credentials requiring both username and password.
- Configure Endpoint Server Credentials through App
- Instantaneous values and Device performance can be monitored by App by force logging to the device.

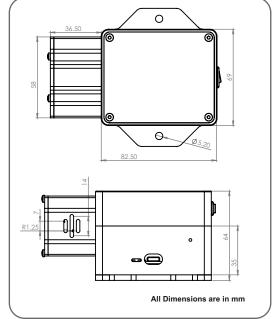
Vibes Configurator App







DIMENSION DETAILS





Specifications are subject to change without Prior notice