

Ecosensors OS-4 Ozone Switch



THE OS-4 IS NOW NEW AND IMPROVED, USING THE STATE-OF-THE-ART ELECTROCHEMICAL SENSOR FROM SPEC SENSORS!

Acts like a thermostat to control ozone generators and alarms based on adjustable ozone concentration set-points. Ozone ppm readout via digital meter. Simple and effective. Ships with SM-7/SM-EC 0-20 ppm sensor module.

Features:

- Easy to install. Minimal adjustments.
- Sensor is in a replaceable precalibrated module. Separated by a cable, the instrument is not in the high ozone area.
- Sensor reading is temperature and relative humidity compensated.
- Replacement sensor is miniature, low cost, and pre-calibrated.
- Operates from 12-24 VDC or from AC adapters available worldwide.
- Alarms, data loggers, and other accessories available.
- Programmable turn-on and turn-off set-points.
- Indication when .1 ppm safety standard exceeded.

Typical Applications:

- Monitor ozone levels in treatment storage areas for fruits, vegetables, and other agricultural products. Monitor ozonated HVAC systems. General monitoring at .03-20 ppm.
- Control the output of ozone generators using the set-point controlled relay in the OS-4.
- Use as either ozone leak alarm or ozone failure alarm for all sizes of ozone generators.

Specifications:

- **Range and Accuracy:** .03-20 ppm of ozone.
- **Accuracy:** 10-15% (Depends on application).
- **Temperature and humidity:** 5-40°C 20-95% RH
- **Measurement Principle:** SPEC (Screen Printed Electrochemical) sensor.
- **Size:** 127 × 64 × 42 mm (5 × 2.5 × 1.625 in).
- **Weight:** 200 gr (7 oz)
- **Power Requirements:** 12-24 VDC, 300 mA. AC adapters available.
- **Output control:** SPDT non-latching relay. Contacts rated at 5 amps, 250 VAC.
- **.1 ppm danger alarm:** Panel LED and SPDT relay 5 amp contacts.
- **Connections:** Terminal blocks for relay output and DC input. 2.5 mm DC power jack for AC adapter.
- **Indicators:** Green LED: instrument *on*. Yellow LED: >.1 ppm. Red LED: generator *on*.
- **Outputs:** 0-2 V, 4-20mA, RS-232 digital.
- **Case:** Flame-resistant ABS with mounting ears.
- Not recommended for use in the presence of strong acid gases or VOC fumes.

EXCLUSIVE DISTRIBUTOR

ProMedUSA Pte Ltd

111 North Bridge Road ♦ #08-27 Peninsula Plaza ♦ Singapore 179098
(65) 6836 9665 ♦ Sales@promedusa.us ♦ www.promedusa.us