



SM70 Ozone Monitor & Alarm

Features

- Reliable ozone monitoring and control
- Active sampling for higher accuracy
- Outputs for analog • digital • relay
- Audible alarm or control options
- Robust construction
- Low maintenance
- Simple to install



Specifications

Sensor type	Gas sensitive semiconductor (GSS)
Ozone LOW sensor	Range: 0 - 0.500 ppm ozone Accuracy: $< \pm 0.02$ ppm (0 - 0.1 ppm); $< \pm 20\%$ (> 0.1 ppm) T90 response: < 60 s
Ozone HIGH sensor	Range: 0 - 20 ppm ozone Accuracy: $< \pm 20\%$ (> 0.5 ppm) T90 response: < 35 s
Operational mode	Control or Alarm (continuous)
Operating temperature	-5°C to 50°C
Operating relative humidity	5% to 95% non condensing
Warm up time	10 minutes (max. accuracy)
Display	3.5 digit LCD
Relay / alarm set point	User configurable
Digital output	RS232
Analog output	0 - 5 VDC (8 bit)
Relay output	24 V; 5A (max.)
Alarm option	85 db (non-control mode)
Power supply	12 VDC; 800 mA; Plug-in AC power adaptor supplied
Enclosure rating	IP20 & NEMA 1 equivalent
Enclosure dimensions	130 W x 94 H x 57 D (mm); 5.125 W x 3.75 H x 2.25 D (in)
Enclosure casing	Flame resistant thermoplast PS
Enclosure mounting	Screw fix
Weight	< 270 g; 9.5 oz (excludes AC power adaptor)
Approvals	Part 15 of FCC Rules EN 61000-6-3: 2001 EN 61000-6-1: 2001

