

## SM70 Monitor / Controller

### Features

- Continuous air monitoring
- Displays level of solvent-in-air
- Alarm sounds at exposure limit
- Relay control output available
- Reliable and simple to operate
- Available for perc or hydrocarbon



### Specifications

Sensor type	Gas sensitive semiconductor (GSS)
Measurement range (perc version)	0 - 200 ppm perchloroethylene
Accuracy	< +/- 10 ppm
Resolution	1 ppm
Operational mode	Continuous
Reading update	2 seconds
Display	0 to 500 ppm (3.5 digit LCD)
Audible alarm (buzzer)	85 dB (typical)
Alarm set point	Activated by dipswitch setting
Relay set point	Activated by dipswitch setting
Default dipswitch setting	off,on,off,on = 50 ppm
Removable / replaceable sensor module	Micro-match connector
Diagnostics	Sensor failure: Relay ON Alarm ON Display = 500
Warm-up sequence	10 minutes: Relay and alarm inactive during warm-up Display = 0 or 1
Operating temperature range	-5°C to 60°C
Operating relative humidity range	30 to 70% non-condensating
Power supply	12 VDC, 2.1 mm plug with centre +ve Plug-in AC power adaptor supplied
Relay output	Onboard 240V or 120V / 8A (max)
Permanently fixable	Screw fix
Enclosure size	130W x 94H x 57D (mm); 5¼W x 3¾H x 2¼ D (in)
Enclosure rating	IP20
Weight	285 g; 10 oz (excludes AC power adaptor)
Approvals	Part 15 of FCC Rules · CE · C-tick EN 61000-6-3: 2001 EN 61000-6-1: 2001

### Available from

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