

Monitor/Controller

SM70 Monitor/Controller with Display

The SM 70 monitor/controller (with display) is designed for basic gas monitoring where simple control outputs (0-5V & a relay) are required.



Features

- Continuous monitoring
- Large easy to read display
- Audible alarm
- Rugged and compact
- Low maintenance
- Analog, Digital and Relay Outputs

Product ID: **SM-70**
 Lead Time: **1 week**
 Price: **\$570.00**

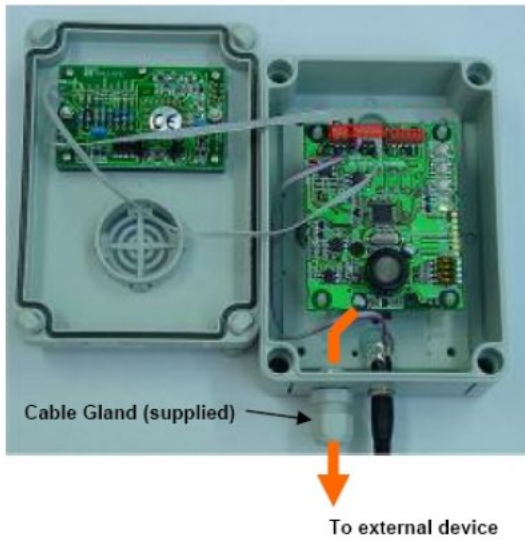
Specifications

Detection Range:	0.008 - 0.500 PPM
Resolution:	0.001 PPM
Accuracy:	10%
Power supply	12 VDC, 800 mA plug-in AC power adapter
Removable / replaceable sensor module	Micro-match connector
LCD display	Gas concentration in ppm
Warm-Up Time	10 minutes
Audible alarm	Optional
Alarm set point	User adjustable
Operational mode	Continuous Control or Alarm
Permanently fixable	Screw fix
Digital Output	RS-232
Enclosure rating	IP 66, EN 60529
Enclosure casing	Flame resistant thermoplast PS
Enclosure size	130W x 94H x 57D (mm); 5 W x 3¾H x 2¼ D (in)
Weight	285 g; 10 oz (excludes AC power adapter)

External Wiring on SM-70

External Wiring through the Cable Gland

The SM70 enclosure is pre-drilled and fitted with a plastic plug. When fitting the supplied cable gland, remove the plastic plug and screw in the cable gland into the same hole as shown below.



External Wiring Diagram for SM-70

External Relay Connections

Connecting to the Relay

Open up the SM70 enclosure and remove the PC board as detailed on page 11. Turn over the PC board so that the underside is visible as shown below.



External Relay Connections inside SM-70.