

PM700 Detector Control Panel

The PM700 provides ultimate system flexibility for gas detection systems up to 16 detectors in size. The control panel is compatible with any 4-20mA signal flammable or toxic sensors regardless of manufacturer, which enables us to choose the write sensor to suit each application and gas type. To compliment the system a range of accessories, audio visual alarms are available.



SPECIFICATION

Power source	85 to 260 VAC (18 to 30 VDC option)
Power consumption	40 Watts
Display	2 x 16 line backlit
Operating temperature	0°c to 50°c
Operating humidity	Up to 95% non-condensing
Resolution	0.00% or ppm range dependant
Update rate	1 Second
Size (mm)	255 (H) x 265 (W) x 100 (D)
Inputs	Up to 4 or up to 8 x 4-20mA loops
Inputs (optional)	Additional 8 analogue 4-20mA loops 1 x RS485 detector data highway for up to 16 detectors

Outputs (Standard)	1 x solid state visual/flasher 24VDC 3 x configurable SPCO relays (7 Amp non conductive load) 1 x fault SPCO relays (7 Amp non conductive load) 1 x solid state audio/sounder 24VDC
Outputs (optional)	16 x configurable SPCO relays (7 Amp non conductive load)
Optional equipment	Battery backup module 7AH 255 (H) x 265 (W) x 100 (D)
CE Declaration	EN50081-2: 1994 EN50082-2: 1995 EN61010-1: 2001

PM600 Series Small Format Gas Detection Systems

The PM600 gas detection control panels and detectors are small format systems designed primarily for building services applications. The systems are simple to use and install with precalibrated detector heads. The one and two channel systems are competitively priced for small applications where the PM700 is not necessary. The bright LED display provides clear indication of the system status with two alarm levels and SPCO relays.



SPECIFICATION

Power	110/230V AC 15 Watts
Construction	Powder coated mild steel Ral 7000
Display	4 digit LED 2 alarm level LED's 1 fault LED
Outputs	AL1, AL2, fault SPCO 8A non inductive built-in audible alarm 60dB
Sealing	IP54
Temperature	-5 to 55 Deg C
Humidity	0-95%RH non condensing



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