



◆ Multi Gas proving & Service Control

1-4 separate gas lines.
Optional Water and Electric control.

◆ 1 to 16 detectors

Common and exotic gases.
Options for connecting any 4-20mA detectors.

◆ Programmable

Highly configurable, with options to set detectors as LEL, PPM, %VOL.
Peak and Time Weighted Alarms
Latching and auto-reset.
Pressures and timings can all be adjusted.
High pressure Up to 10 bar and suitable for oxygen lines

◆ Detector and event log.

Event & Detector history for analysis.

SEC-Multi Proving - Extender

The system can have up to three extension panels (SEN-EXT) connected to provided multi gas proving.

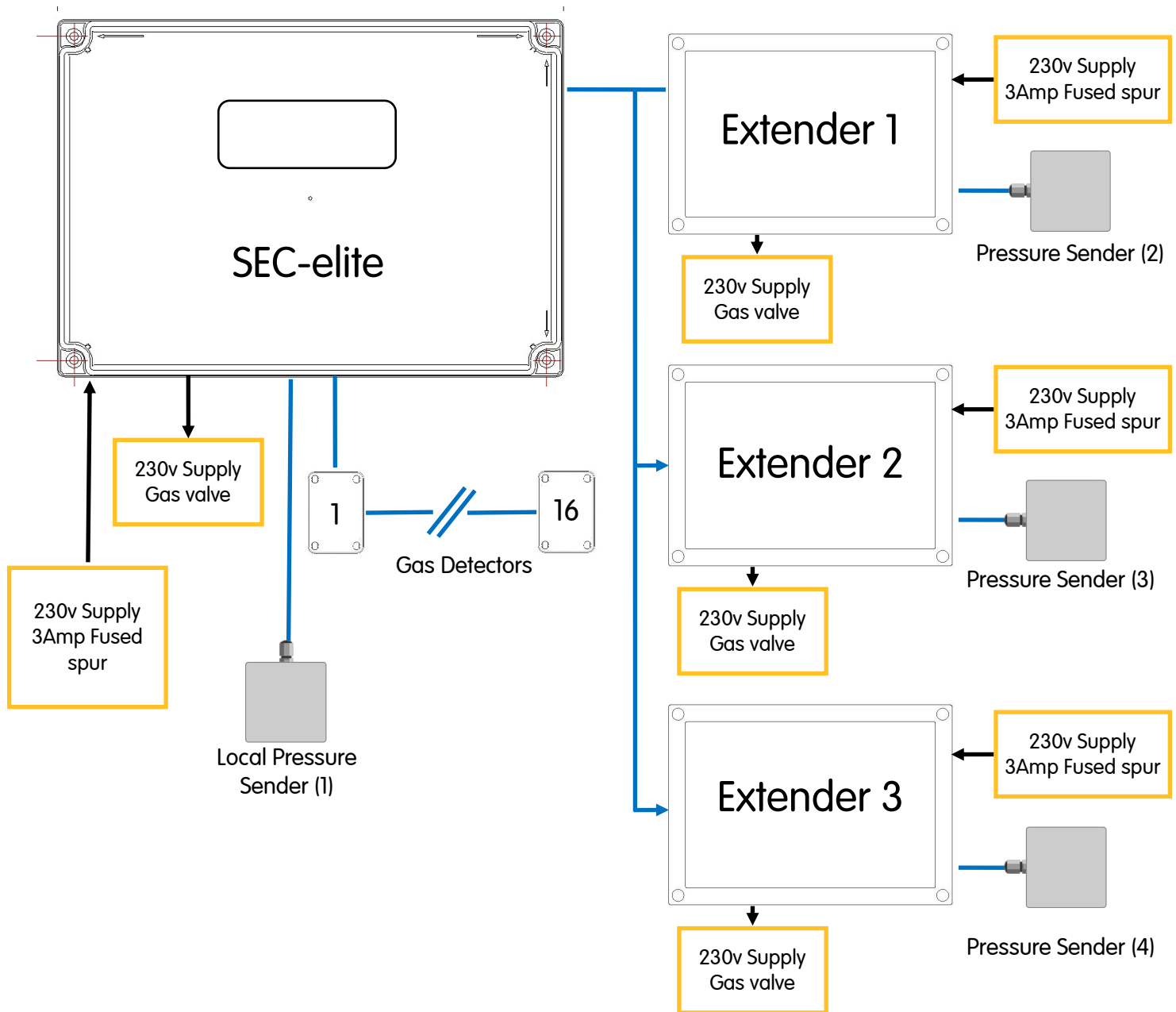
Each extension panel allows for the proving of an additional gas line for a maximum of four lines . (main panel, plus three extenders) these are all controlled from the main panel.

Each extension panel requires a 3amp fused spur and a low voltage connection back to the main panel, in turn each extension panel will then provide connections for gas valve and the pressure sender unit (ELITESEN-4W).

Pressure sender units can be supplied for gases up to 10bar and degreased for use on oxygen gas lines.

The extension panels can also be used without gas proving, allowing additional "services" (electrical, oil, water etc) to be controlled from the main panel.

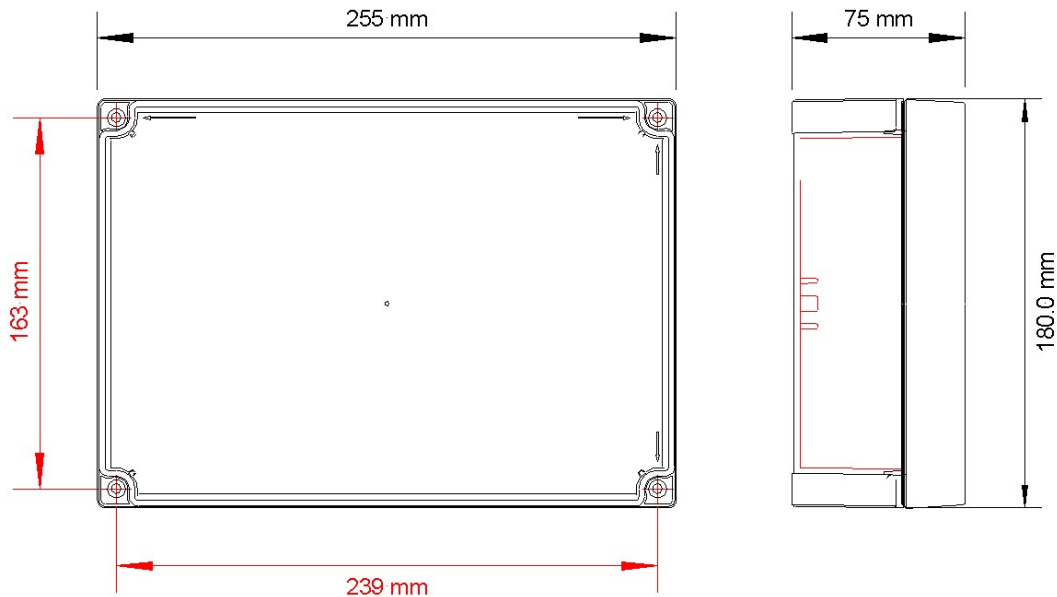
— Low voltage, 4 core cable



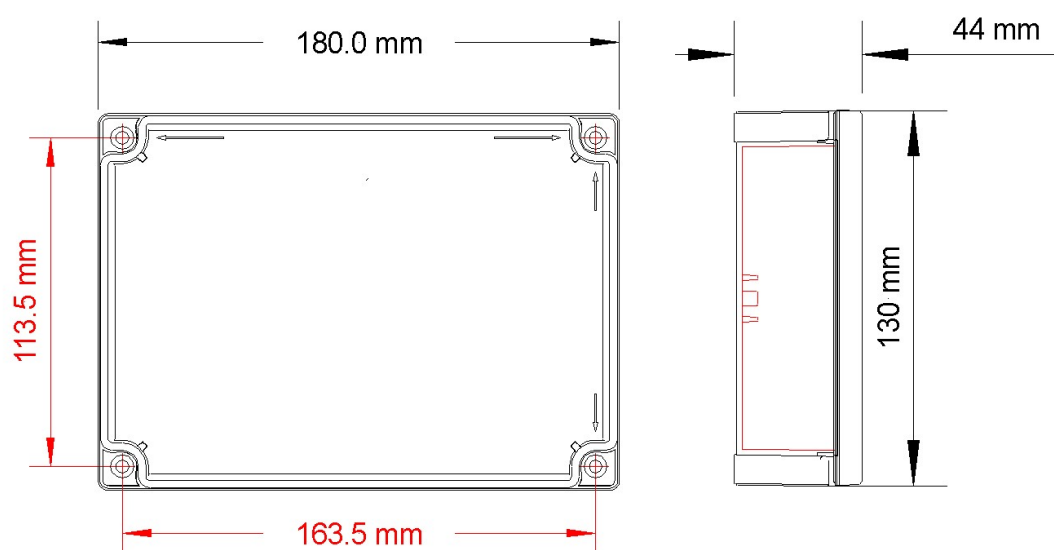
All Detectors, and relay panels require a four core screened Belden type security cable or 600v rated BMS cable for connection to the Pro-Elite .which must be ground at one end.

Warranty will be void if Fire Protection Cable or cable over 1mm dia. is used on the SELV side.

SEC-Main panel Dimensions



SEC-Extender Dimensions



Specifications - SEC-elite main panel

Power	230 VAC - 3 amp fused spur.
Weight	1.4 kg.
Dimensions	W255 x H2180 x D75mm.
Temperature Range	-5° to 55°C.
Humidity	20% to 90%RH Non-Condensing.
Ingress Protection	IP64.
Housing Material	ABS Plastic.
Colour	Grey.
Mounting	Wall Mount
Sensors	Pellistor, Toxic, Oxygen, NDIR.
Outputs & Connections	16 channel 24v detector power & data .
	230v Gas valve supply
	230v Water valve supply
	NO/CM Electrical Contactor
	Pressure sender and extender
	2x NC for Fan interlocking
	1x 12volt supply rails.
	2x Protentional free change over relays.
	1x Emergency Stop.

Quality Management System

Medem (UK) Limited operate an independently assessed ISO 9001:2015 QMS

Certificate Number
FM 695005



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