

## Electronic Commissioning Unit

Fig. GA12

State of the-art electronics, microprocessor and hydraulics in one compact unit



### Application

The nine button keypad allows simple navigation through the menu system that provides the option to select the most appropriate screen for the work being carried out. This can show the full parameter of data available or simply a screen showing just the differential pressure - useful for those wishing to use the GA 12 as a simple manometer.

### Sophistication

Accuracy of measurement is one of the most important elements of the function of commissioning units. The GA12 gives differential pressure readings with accuracy better than 1% or 100 Pascals, plus, an integral damping system further improves reading confidence on unstable systems.

### The complete GA12 unit includes:

- 1 x Carry case
- 1 x Hand held transducer and display unit
- 2 x Connector tubes with isolating valves (2 metres)
- 2 x Straight Mechseal style adaptors
- 2 x Angled Binder style adaptors
- 1 x PP3 battery
- 1 x Lanyard
- 1 x Set of operating instructions
- 1 x Calibration certificate
- 1 x Quick start guide

### Applicable models:

- 1200-SSW
- 1209-BT    1209-BTM
- 1209-DF    1209-DFM
- 1210-BT    1210-BTM
- 1210-DF    1210-DFM



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## Technical Specification

Calibrated Range: 0.3 kPa to 250 kPa  
 Accuracy: +/- 0.03 kPa 0.3 to 1kPa  
 +/- 0.05 kPa 1.0 to 10 kPa  
 +/- 5% 10kPa to 250kPa

Maximum Static Pressure: 10Bar

Resolution: 0.01 kPa < 100kPa  
 0.1 kPa >100kPa

### ENVIRONMENT

Media Temperature: Max 95° C  
 Storage Temperature: Ambient (Avoid low temperature to protect unit/sensor)

Power Supply: PP3 9v battery.

Effective Operating Time: 20 hrs with standard alkaline PP3 battery  
 (Dependent on use of backlight)

Calibration: Annual calibration is recommended.

Valve Database: 1300 valves stored including all major European manufacturers.

### Pre-set Defaults

	Set Default	Menu Option	The following settings can be changed by the user:	
Language	English	French Italian Spanish	Design Flow	0 l/sec
Pressure	kPa	Pa psi bar feet H <sub>2</sub> O Inches H <sub>2</sub> O metres H <sub>2</sub> O mm H <sub>2</sub> O cm H <sub>2</sub> O	Target Flow	0%
			Flow Alerts	ON
			Light Timer	10 Minutes
			Auto off Timer	10 Minutes
			DP Cut Off	30 kPa
Flow	l/sec	l/min l/hr galls/m (imp) galls/m (US) m <sup>3</sup> /hr	Update time	1 second
			Sample time	3 seconds
			Specific Gravity	01:00
Temperature	Celsius	Fahrenheit		