

Plus 42 (Plus 4 Mk.2)

Retrofit pressure profiling interface,
helping utilities reduce leakage and
the frequency of network repairs.

The interface utilises advanced valve technology, enhancing the capabilities of existing Technolog gas data loggers to provide profiled / clocked pressure control. The Plus 42 helps to reduce the average system pressures, which in turn reduces leakage, cost of repairs, and reduced methane emissions.

Key Features

- Provides advanced control to the outlet pressure of one or more gas regulators either via time modulation (clocking) or through innovative self-learning of the network to help reduce leakage, 'lost' revenue and public reported escapes
- User replaceable battery
- Certified for use in Zone 0 hazardous locations
- Housed in a tough enclosure with integral mounting bracket
- Accepts existing 4 and 8 channel digital alarm junction boxes



Technical Specifications

Valves	Type: Solenoid Pressure rating: Max pressure 8 bar Pressure Connections: Female ¼" BSP taper threads
Supply	Life: Typical battery life 1 year depending on frequency of valve operation – Externally powered by an approved replaceable lithium battery pack, user exchangeable – Optional solar power module (PV4)
Environmental	Operating ambient temperature: -20°C to +60°C Ingress protection classification: Plus 4 - IP 54 / Battery - IP66
Intrinsic Safety	Plus 4 Module: CSAE 21UKEX2200X SIRA 03ATEX2324X Ex ia IIC Ga T4 (Ta= -20°C to +60°C) External battery: CSAE 21UKEX2164X (9J3000 MK2) SIRA 03ATEX2196X IECEx SIR 09.0150X Ex ia IIC T4 Ga (Ta= -20°C to +60°C)
Connectors	Battery: 4-way socket complying with MIL-C-26482 Newlog 4: 19-way plug complying with MIL-C-26482
Mechanical	Material: Epoxy painted metal enclosure with plastic lid Dimensions: – Plus 4: 220 mm width x 115 mm height x 72 mm – Battery Module: 214 mm x 41 mm dia Weight Plus 4: 2.500 kg Weight Battery Module: 0.700 kg

