

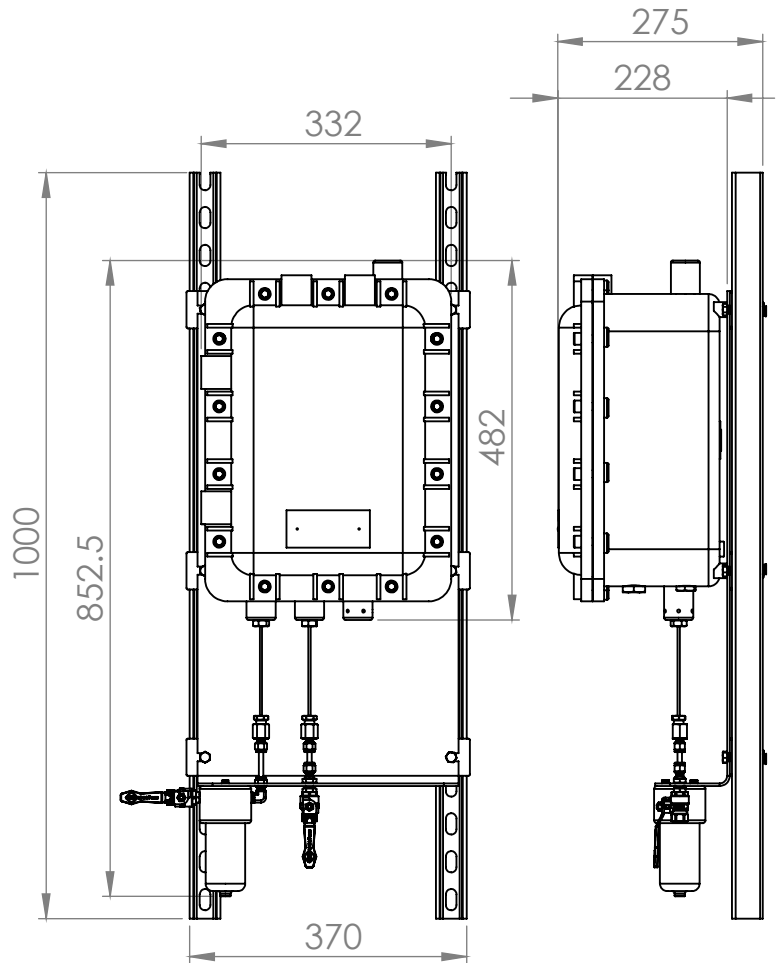
# Click! Ex - ATEX Zone 1 Gas Analyser

II 2 G Ex db IIB T6 Gb

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The Click Ex is a fixed gas analyser suitable for use in ATEX Zone 1 explosive atmospheres. It analyses up to four gases (CH<sub>4</sub>, CO<sub>2</sub>, O<sub>2</sub>, H<sub>2</sub>S) in a variety of ranges relevant for the application. It can accept up to two external sensor inputs for data integration, such as flow and pressure. Full automation allows for its independent operation. Accessing gas analysis

data is possible via either physical hardware media or Gas Data's proprietary Data Portal (subject to access to customers' network). The modular and highly reliable technology of the Click! Ex product ensures rapid annual service and maintenance, contributing to low total cost of ownership.



## Click! Ex Product Benefits

- Low total cost of ownership
- Flexible range of gas sensors to suit your application
- Data integration from external sensors
- Easily accessible gas data
- Modular and highly reliable technology



## Click! Ex - ATEX Zone 1 Product's Technical Specification

General				
Sample Point number	1			
Applications	Asset integrity monitoring in industrial applications, anaerobic digestion, biomethane upgrading.			
Power				
Supply Input	24V DC			
Consumption	max .1A, 24W			
Physical				
Weight	25kg			
Enclosure Material	14mm low copper content aluminium alloy			
Enclosure Dimensions	482mm x 332mm x 228mm			
Assembly Dimensions (Including wall mounted frame)	1000mm x 370mm x 275mm			
Gas sensor characteristics				
Channel	Sensor	Range	Accuracy	Resolution
Methane	IR	0 - 100%	± 1%	0.1%
Carbon Dioxide	IR	0 - 100%	± 1%	0.1%
Oxygen	EC	0 - 25%	± 0.3%	0.1%
Hydrogen Sulphide	EC	0-2000ppm	± 20 ppm	1ppm
Environmental characteristics				
Operating ambient temperature	10°C to 40°C			
Storage temperature	10°C to 40°C			
Ingress Protection	IP65			
In-line gas supply				
Maximum pressure	1 bar (up to 2.5 bar with optional regulator)			
Maximum temperature	40°C			
Maximum humidity	90%			
Communications				
Output	SD logging to CSV file (8GB SD card, up 90,000 readings)			
Accreditations & Compliance				
ATEX Rating	II 2 G Ex db IIB T6 Gb			
ATEX Certificate	EMT16ATEX0030X V1			
BS EN 61010-1:2010 compliance	Safety requirements for electrical equipment for measurement, control and laboratory use.			
BS EN 50270:2006 compliance	Electromagnetic compatibility - electrical apparatus for the detection and measurement of combustible gases, toxic gases or oxygen.			



## Other products available



Maintenance



Handheld Instruments



Gas Flow Monitoring



Fixed System