

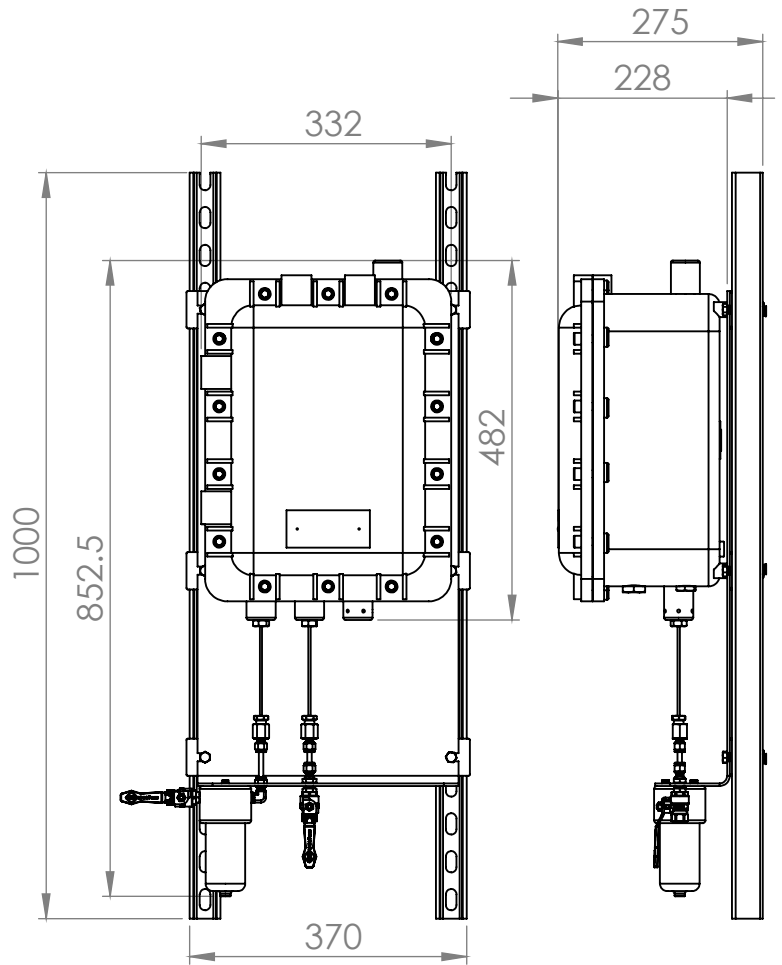
Click! Ex - ATEX Zone 1 Gas Analyser

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 (CH₄, CO₂, O₂, H₂S) 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





GAS DATA
empowering environmental evolution

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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)
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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