OLDHAM

Global Gas Detection and Monitoring Solutions

With over 100 years experience in specialized safety, fire and gas detection systems, we are The Fixed Gas Detection Experts.

www.oldhamgas.com

At Oldham, we serve every customer with application-oriented solutions.

Oldham's mission is to be the best provider of fixed-point gas detection systems, world-wide. We strive to provide the highest performance, quality and reliability in every thing we do.

Need the industry-leading solution for your application?

Visit www.oldhamgas.com to find a location near you. Our customer service representatives will take the time to answer all your questions…And ask the right ones.

You need more than a gas detector

Our products are always application-driven and solution-oriented. Whether for a single application or multiple rooms and areas, our fixed-point monitoring solutions are developed to meet the unique needs of our customers. Whether on-site, or from site drawings, our team provides you with the best design and maintenance plan for your fire and gas detection solutions.

Our Expertise

- Project study and management
- System conception, design and installation
- On-site service and commissioning
- After-sales services such as quarterly calibrations and technical support
- Regulatory compliance

Our Broad Industrial Applications

- Oil and Gas
- Offshore Drilling
- Petrochemical Industry
- Food and Beverage Production
- Water Treatment Plants
- Automotive
- LPG
- LNG
- Steel Production
- Pharmaceutical
- Power Stations

RELIABLE & VERSATILE PRODUCTS

At Oldham, we understand the cost of equipment downtime and false alarms. As an ISO 9001 certified company, we ensure that all of our products and services are designed with maximum reliability in mind. Our detectors can be configured to meet nearly any application.

SERVICES

Commissioning: We ensure that your equipment is properly installed and in good working order. We train you on equipment operation, maintenance and calibration. Our technical expertise gives you comfort and eliminates the need for you to search for this specialized service.

Integrated & Engineered Solutions for Fixed Systems: Our team of engineers works directly with customers to optimize the performance and cost of each application. Our services include system conception, design, installation and servicing. Each system is fully documented and delivered ready for installation.

Repair: Our own skilled technicians provide fast, quality service using only factory-original parts. We repair exactly to your requirements and offer software upgrades at no cost.

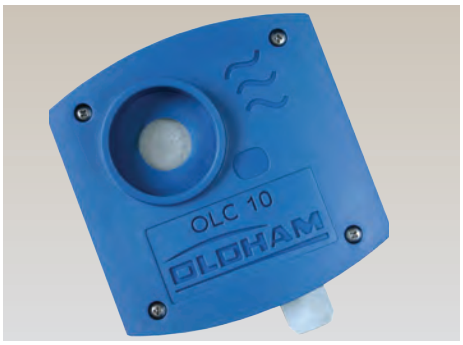
Mobile Services: Where available, our technicians can perform all levels of maintenance and repairs on-site at your facility. This reduces downtime and the need to stock replacement parts. Technicians also complete required maintenance documentation and record-keeping.

Training: Our training courses are designed to help seasoned veterans and newcomers alike. Trainees develop a better understanding of hazardous gas environments and how to use our gas detectors more effectively. Training courses are offered at several convenient locations throughout the world. We can even provide customized, on-site sessions tailored to your company's specific needs.

Customer and Technical Support: We offer a wide variety of support services. Contact us with your order, product application, service or technical questions. Our friendly and knowledgeable professionals are ready to help you!

Extended Warranty Program: This program provides extended coverage for gas detectors with limited warranties. This coverage extends the warranty an extra two years if you subscribe to a maintenance contract during the first six months of ownership (from the date of commissioning).

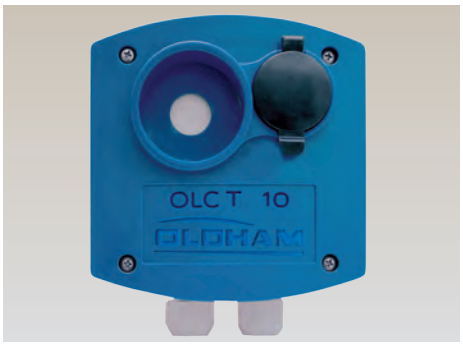
Visit our web site at www.oldhamgas.com/online-training/ for free online training for select products.



OLC 10 / OLC 10 TWIN

- Combustible gas detector
- Detects CH_4, Propane, Butane, Methane, Hydrogen, LPG and NGV
- For commercial applications (boiler rooms, charging rooms, carparks, etc.)
- Two OLC10 Twins can be hooked on one channel without an additionnal junction box or extra wiring for monitoring the same area
- Up to 4 OLC10 Twins can be used with our MX 32 2-channel controller
- ATEX 3G certified for use in zone 2

CE Ex ATEX ZONE 2



OLCT 10

- 4-20 mA output analog transmitter without display
- Available with catalytic bead, electrochemical or semi-conductor sensors
- Detects combustible, toxic and refrigerant gases (CO, NO, NO_2, Methane, Propane, Butane, Hydrogen, LPG, NGV and freons) - EN 14624 compliant with regards to R134a monitoring
- For commercial use (boiler rooms, hospitals, carparks, etc.)
- ATEX 3G certified for use in zone 2 (except semi-conductor version)

CE Ex ATEX ZONE 2
(except freon version)

OLCT 10N

- Digital transmitter without display
- Available with catalytic bead or electrochemical sensors
- Detects O_2, combustible, and toxic gases
- Available for detection of O_2, CO, H_2S, NH_3, NO, NO_2, Methane, Propane, Butane and Hydrogen
- For commercial and light industrial applications (laboratories, cooling rooms, hospitals, boiler rooms, waste water treatment plants, etc.)
- ATEX 3G certified for use in zone 2
- For use only with the MX43 controller

CE Ex ATEX ZONE 2

CTX 300

- 4-20 mA output analog transmitter with optional backlit display
- Plug-in and pre-calibrated sensors
- Available with electrochemical, infrared or semi-conductor sensors
- Detection of O_2, CO_2, toxic and refrigerant gases
- More than 30 different sensors are available for detection of most toxic gases in the industry
- Available in an infrared version for CO_2
- EN14624 compliant with regards to R134a monitoring
- For commercial or industrial applications in unclassified areas

CE CSA US

AirAware™ Series Monitors

- Low-Cost monitoring
- Monitor CO, Cl_2, H_2S, NO_2, SO_2, O_2, NH_3, NO, or HCl
- Can monitor, transmit and control
- 4-20 mA or ModBus RTU outputs
- Light industrial or commercial
- Built In Alarm/Buzzer

Not available in Europe

CSA

OLCT20

- Designed for indoor or outdoor monitoring
- Complete reliability
- SIL2 suitable for combustible gases and O_2
- Can be fitted on a housing with a M25 or 3/4" NPT thread
- Stainless steel detector provides protection and resistance to corrosive agents
- The precalibrated sensors can be disconnected by turning the head of the unit

CE Ex ATEX ZONE 0 or 1

OLDHAM

Detectors/Transmitters

For simple or complex applications, Oldham has a detector to meet your needs.

OLCT 60

- 4-20 mA analog transmitter with display
- SIL2 capability for combustible gases
- Detects O_2, combustible, toxic and refrigerant gases
- Corrosion resistant
- Designed for industrial applications
- Available with remote sensor head, flameproof or intrinsic safety versions
- Non-intrusive, one-man calibration
- XP IR infrared sensor for combustible gases or CO_2

ATEX Zone 0 (sensor only) or 1

OLCT 60 / OLCT IR

- 4-20 mA analog infrared transmitter with display
- SIL2 capability
- Detects combustible gases or CO_2
- Corrosion resistant
- Designed for industrial applications
- Available with remote sensor head
- Non intrusive, one-man calibration
- Heated optics
- Double source / four beams

ATEX ZONE 1

OLC 100 / OLCT 100

- 4-20 mA analog transmitter without display
- SIL2 capability for LEL, O_2, CO, H_2S, NH_3, CO_2
- Detects combustible, toxic or refrigerant gases and O_2
- Available with electrochemical, infrared or semi-conductor sensors
- Designed for industrial applications
- Available in explosion-proof or intrinsically safe versions, and stainless steel
- A high-temperature version allows operation up to 200°C

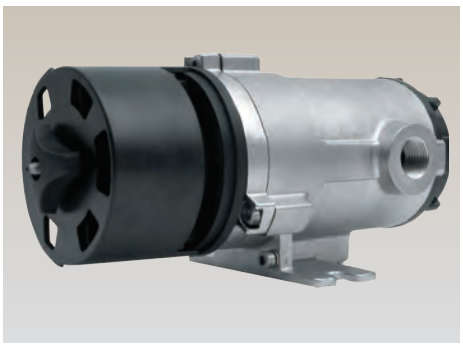
PENDING

ATEX ZONE 0 or 1

OLCT 80

- A triple head multi-function transmitter
- On-board display
- 3 built-in relays for fault, low and high alarms (alarms in relay are fully programmable)
- Two 4-20 mA inputs, built in relays, memory settings and requests by remote control
- 4-20 mA and RS 485 outputs, loop connection
- Available as remote version, flameproof or intrinsic safety approved sensors depending on gases to be detected
- Available as wireless version
- Detects O_2, combustible, toxic and refrigerant gases
- Non-intrusive, one-man calibration
- XP IR infrared sensor for detection of combustible gases or CO_2

ATEX Zone 0 (sensor only) or 1



OLCT IR

- 4-20 mA analog infrared transmitter
- SIL2 capability
- Infrared CO_2 or combustible gas detector
- IP67
- Double source / four beams
- Heated optics
- Dirty optics compensation
- Low maintenance
- Resistant to poisons
- Long lifespan (>10 years)
- Non-intrusive calibration

ATEX ZONE 1

iTrans 2

- Unique dual sensor platform (remote placement)
- 4-20 mA and ModBus RTU interface for direct communication to any control device or PLC
- Optional built-in relays
- Highly visible, split-screen LED display
- Detects O_2, combustible and toxic gases
- Available in stainless steel

PENDING PENDING PENDING PENDING

ATEX ZONE 1 or 2

Detectors/Transmitters

Visit our web site at www.oldhamgas.com for free online training for select products.

OLCT 200

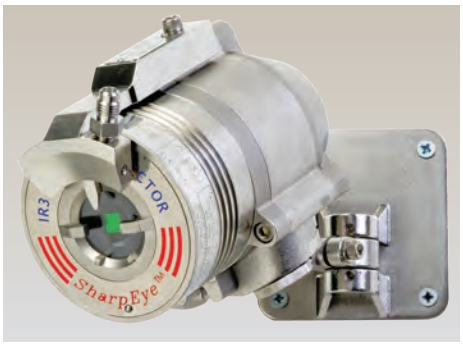
- Detection of combustible and toxic gases and O_2
- Non-intrusive calibration
- Smart sensors
- HART® Communication
- Programmable relays
- Hot Swappable sensors (IS Versions)
- 2-wire, 3-wire, ModBus
- Available in stainless steel
- Available in wireless version

Not available in Europe

Open Path IR SAFEYE series 700

- Hydrocarbons detection (C1 to C8)
- SIL2 capability (TÜV)
- Heated optics
- 10-year warranty for xenon flash bulb
- Detection range: up to 140 m
- 4-20 mA and Modbus RTU outputs

ATEX ZONE 1



Oldham SharpEye Flame Detector

- SIL2 capability (TÜV)
- A range of industrial detectors UV/ UV-IR/IR3/IR4
- Designed for all fires: hydrogen, hydrocarbons, metals, etc.
- Industrial or commercial applications

ATEX ZONE 1

Accessories

Back-up Power Supplies • Solenoid Valves • Manual Call Point • Flash Alarms • Calibration Gas

For our complete line of accessories, visit our web site at www.oldhamgas.com.

Controllers

Oldham's wide variety of controllers can meet the demands of any application.

Surveyor 4B
- Designed to ensure the safety of boiler plants, battery charging rooms or small units where your operations are at risk
- 1 channel
- 2 Discrete alarms
- Din-rail mount
- Combines highly reliable monitoring, simple implementation and low costs

CE

MX 15
- 1 channel
- Low cost and easy to install
- DIN rail mounting
- 3 built-in discrete relays
- For any transmitters/detectors
- Continuous self-checking

CE Ex ATEX CATEGORY (3)

MX 32
- 2-channel version
- Low cost and easy to install
- DIN rail mounting
- Up to 5 built-in discrete relays
- For any transmitters/detectors
- Continuous self-checking

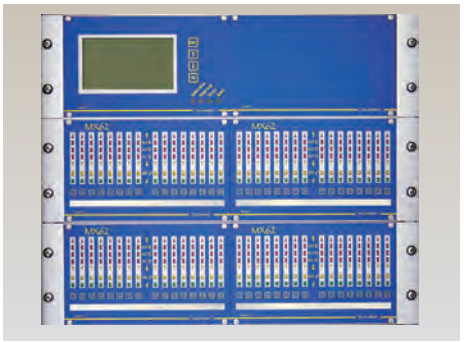
CE Ex ATEX CATEGORY (1) (2)

MX 43
- Analog and digital controller
- 4 or 8 lines, up to 32 detectors
- Up to 32 fully programmable relays (OR, AND, NAND, NOR, Voting functions)
- Large graphic display
- Remoted modules (cost savings on wiring installation)
- Data logging capability with USB
- RS485 Modbus RTU and multiple analog outputs

CE Ex SP US ATEX CATEGORY (1) (2)
PENDING

MX 52
- 2-16 channels
- SIL2 according to EN61511
- 2 discrete alarm relays per channel, 1 common Alarm 3 relay, 1 common Fault relay
- Keyboard or PC setup
- RS 485 output

CE Ex SIL ATEX CATEGORY (1) (2)



MX 62
- SIL3 and SIL2 according to EN50402:2011
- Up to 64 secured channels for direct or network wiring
- Direct network and loop connection
- Redundancy from measurement to alarm relays
- Functions AND, OR, MIN, MAX, Voting

CE Ex SIL (by Dekra) ATEX CATEGORY (1) (2)

Wireless Controllers and Mobile Perimeter Systems

Visit our web site at www.oldhamgas.com/en/gas-detection-equipment-training.

Wireless communication is becoming increasingly popular in gas detection. In fact, it is sometimes the only way to ensure safety in infrastructure or remote locations.

The WX Series can be configured to accept wireless inputs from an OLCT 200 transmitter or communicate wirelessly to a compatible ModBus master device.

OLDHAM also offers a variety of wireless solutions compatible with the WX Series, including wireless transmitters, controllers, solar-powered field monitors, wireless repeaters and accessories.

WX4
- 4-channel controller
- 4-20 mA or Bridge sensor inputs
- Programmable relays
- RS-232/485 Modbus
- Wireless options
- Graphical display
- Alarm strobe and horns optional

Not available in Europe

WX64
- 64-channel controller
- Analog and digital inputs
- Programmable relays
- Wireless options
- RS-485 Modbus RTU Master/Slave
- Graphical color LCD display
- Data logging
- Configurable into 8 zones
- Embedded web page interface
- Alarm strobe and horns optional

Not available in Europe

WX16
- 16-channel controller
- Analog and digital inputs
- Programmable relays
- RS-485 Modbus RTU Master/Slave
- Wireless options
- Graphical LCD display
- Data logging (24 hrs)
- Alarm strobe and horns optional

Not available in Europe

OLDHAM's Mobile Perimeter Systems offer on-demand gas detection anytime, anywhere.

- Stand-Alone Functionality
- Solar Powered
- On-Board Relays
- Multi-Gas Capability
- Wireless Options

Car Park System™
- 1 to 8 channels
- Large LCD with real-time readings
- 3 LEDS quickly provide the status of the whole installation
- Up to 256 detectors, up to 10 different gases
- Significant parking facility electricity savings

MPS IV
- Solar powered
- Wireless communication
- Up to 4 wired/wireless inputs
- NEMA 4X enclosure
- CSA-certified transmitter and controller
- On-board strobe and siren
- DIV 2 quick connect cabling
- Programmable relays

Not available in Europe

BM 25
- Longer lifetime with the XP IR sensor
- Intrinsically safe detector
- Powerful audible alarm (103 dB @ 1m)
- Ultra-bright flashing signal (viewable at 360°)
- Run time of up to 170 hours
- More than 4-month datalogging capacity
- Easily transportable - less than 7 kilos

IECEx ATEX ZONE 2

Oldham, headquartered in Arras, France, employs hundreds of experts all over the world.
With over 100 years in business, Oldham is the fixed gas detection expert, worldwide. Oldham's mission is to provide the highest performance, quality and reliability in everything we do.

To learn more about Oldham's complete line of global products and services, visit www.oldhamgas.com.

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ISO 9001:2008 CERTIFIED
ISO 14001:2004 CERTIFIED
an IST company