Fire and Gas Detection Systems

Dräger solutions provide accurate operation for long periods of time often without calibration or maintenance – even in the harshest environments. They offer easy upgrades, plant-wide view of safety systems and real-time view of individual sensors in control room and remote locations. Our portfolio can detect 400+ gases and vapors and offers visual and optical fire detection.
**COMBUSTIBLE GAS DETECTION TRANSMITTERS**

**Dräger Polytron® 5200 CAT**
Low-cost explosion proof transmitter with optional relays uses a high performance catalytic bead DQ sensor.

**Dräger Polytron® 5700 IR**
Explosion-proof transmitter with optional relays uses the high performance PIR 7000 sensor.

**Dräger Polytron® 5720 IR**
Explosion-proof transmitter with optional relays uses a high performance Dräger PIR 7200 CO2 sensor.

**Dräger Polytron® 8200 CAT**
Explosion-proof transmitter with optional relays and bus communication uses a high performance catalytic bead DQ sensor.

**Dräger Polytron® 8700 IR**
Explosion-proof transmitter with optional relays and bus communication uses a high performance Dräger PIR 7000 IR sensor.

**Dräger Polytron® 8720 iR**
Explosion-proof transmitter with optional relays and bus communication uses a high performance Dräger PIR 7200 CO2 sensor.

**Dräger Pointgard® 2200**
Self-contained gas detection system for general purpose areas uses an integrated or remotely mounted catalytic bead DQ sensor.

**Dräger Pointgard® 2700**
Self-contained gas detection system for general purpose areas uses a remotely mounted explosion proof Dräger PIR 7000 IR sensor.

**Dräger GS05**
Wireless infrared gas transmitter for continuous monitoring of flammable hydrocarbon gases and vapours.
Dräger Polytron® 7000
Intrinsically safe transmitter with advanced diagnostics and optional relays and sampling pump uses a DrägerSensor EC

Dräger Polytron® 5100 EC
Low-cost explosion-proof transmitter with optional relays uses a high performance DrägerSensor EC

Dräger Polytron® 2100
Self-contained gas detection system for general purpose areas uses an integrated or remotely mounted DrägerSensor EC

Dräger Polytron® 2720
Self-contained gas detection system for general purpose areas uses a remotely mounted explosion proof DrägerSensor PIR 7200 IR CO

Dräger Polytron® 6100 EC WL
Wireless transmitter for continuous monitoring of toxic gases and oxygen.

Dräger Polytron Pulsar 7000
The Dräger Pulsar 7000 Series are stationary open path gas detectors

The Dräger Polytron® 8900 UGLD
Transmitter is an early warning area monitor for detecting high-pressure gas leaks in outdoor industrial process environments.
COMMERCIAL BUILDING SYSTEMS

Dräger VarioGard® 3000EC
Cost effective digital bus transmitter with an integrated electrochemical sensor for detecting toxic gases and oxygen in ambient air

Dräger VarioGard® 3200CAT
Cost effective digital bus transmitter with an integrated catalytic bead sensor for detecting combustible gases in ambient air

Dräger VarioGard® 3300/3320 IR
Cost effective digital bus transmitter with an integrated infrared sensor for detecting combustible gases or CO₂ in ambient air

Dräger VarioGard® Central Unit
A cost-efficient, modular gas detection system uses a digital bus for controlling up to 100 transmitters for various gases

FLAME DETECTION

Dräger Flame 2000
Single IR: uses an advanced infrared and optical sensor to provide maximum sensitivity to carbon dioxide spectral bands

Dräger Flame 2100
Single UV: detects flames, while eliminating interference from solar-radiation and other non-fire UV sources

Dräger Flame 2350
UV/IR: detects hydrocarbon-based fires at a high speed response time of 200 milliseconds

Dräger Flame 2370
Ultrafast UV/IR: detects hydrocarbon-based, hydroxyl, and hydrogen fires, as well as metal and inorganic fires at a response time of only 20 milliseconds

Dräger Flame 2500/2570
Triple IR / Ultra Fast Triple IR: three infrared sensors identify hydrocarbon-based fire events with exceptional sensitivity and extreme immunity to false alarms

Dräger Flame 2700
Multi-IR: incorporates several detection algorithms to simultaneously detect both CO₂ & H₂O peaks, and reduce false alarms

Dräger Flame 3000
An imaging-based IR flame detector using digital signal processing and advanced algorithms to identify flame characteristics

Dräger Flame 5000
An explosion-proof flame detector based on advanced color imaging technology with real time video recording of events
CONTROLLERS

Dräger REGARD® 3900
A general purpose controller for monitoring up to 16 points with front-end access

Dräger REGARD® 7000
A modular and highly expandable analysis tool that's suitable for gas warning systems with various levels of complexity and numbers of transmitters

Dräger Integrated System - REGARD® 7000-F Controller

- ModBus TCP/IP
- Addressable module
- Addressable Loop (Zone 2)
- Control Room
- Suppression System
- REGARD® 7000 dashboard
- Remote panel
- Pulsar 7000 open path detector
- Polytron® 8100 O2 & Toxic Gas detector
- Audible visual alarm device
- Polytron® 8200 LEL detector
- Flame 5000 visual flame detector
- Polytron® 8700 LEL detector
- Flame detector
CUSTOM SYSTEMS

We have stations custom built to your every requirement. All in One Stations that monitors, alarms and identifies your risk in your process. Our solution is a Stand alone option that only needs power to function in order to monitor and protect you. The information from these stations can be easily connected to your control system by various means of communication protocols.

**Single Detector Station**
This station consists of a single detector with your choice of Sensor technology c/w a siren/beacon combo installed. Easy to mount using the bracket supplied.

**Dual Detector Station**
This station consists of two detectors with your choice of Sensor technology c/w two siren/beacon combo’s installed to alert on which transmitter is in an alarm state. Easy to mount using the bracket supplied.

**Triple Detector Station**
This station consists of three detectors with your choice of Sensor technology c/w a siren/beacon combo installed. This unit is a mobile unit and can be moved as required.

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