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.
## EXPLOSION-PROOF TRANSMITTERS

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dräger Polytron® 5100</td>
<td>Low cost explosion-proof transmitter for continuous monitoring of selected toxic gases and oxygen</td>
</tr>
<tr>
<td>Dräger Polytron® 5200</td>
<td>Low cost explosion-proof transmitter for continuous monitoring of combustible gases</td>
</tr>
<tr>
<td>Dräger Polytron® 5310</td>
<td>Low-cost explosion proof infrared transmitter for monitoring of combustible gases</td>
</tr>
<tr>
<td>Dräger Polytron® 5700</td>
<td>Explosion-proof infrared monitor for the detection of combustible gases and vapors</td>
</tr>
<tr>
<td>Dräger Polytron® 5720</td>
<td>Explosion-proof infrared monitor for the detection of CO₂ with display and optional relays</td>
</tr>
<tr>
<td>Dräger Polytron® 8100</td>
<td>Explosion-proof transmitter for continuous monitoring of selected toxic gases and oxygen with HART® communication</td>
</tr>
<tr>
<td>Dräger Polytron® 8200</td>
<td>Explosion-proof transmitter for continuous monitoring of combustible gases with HART® communication</td>
</tr>
<tr>
<td>Dräger Polytron® 8310</td>
<td>Explosion-proof infrared transmitter for monitoring of combustible gases with HART® communication</td>
</tr>
<tr>
<td>Dräger Polytron® 8700</td>
<td>XP infrared monitor for the detection of combustible gases with display and optional relays with HART® communications</td>
</tr>
<tr>
<td>Dräger Polytron® 8720</td>
<td>Explosion-proof infrared transmitter for monitoring of carbon dioxide with HART® communication</td>
</tr>
<tr>
<td>Dräger Polytron® IR 7000</td>
<td>Explosion-proof infrared transmitter with IP66/67 protection and a 4 beam optical system</td>
</tr>
<tr>
<td>Dräger Polytron® IR 7200</td>
<td>Explosion-proof infrared transmitter for monitoring carbon dioxide (CO₂)</td>
</tr>
</tbody>
</table>

**Dräger GS01 (wireless)**

Wireless hydrocarbon gas detector that combines triple-wavelength infrared technology with extremely low power consumption, and calibration-free design.
Dräger Polytron® 2000
Stationary gas detector for measuring standard gases (O₂, H₂S, NH₃, Cl₂, CO), a reliable and economic solution for non-explosion proof areas

Dräger Polytron® 7000
I.S. transmitter for continuous monitoring of toxic gases and oxygen

Dräger Polytron® 3000
Low cost I.S. transmitter for continuous monitoring of toxic gases and oxygen

Dräger Pointgard® 2100/2200
Self-contained gas detection system for the continuous area monitoring of toxic or flammable gases in ambient air

Dräger VarioGard®
Economical “bus” transmitter for monitoring combustible gases

Dräger Wellguard
Easy to install microprocessing-based gas detection system that continuously monitors combustible gases & toxic vapors; can have up to four detectors

Dräger DTF-991
Low cost transmitter for monitoring HFC/CFC (Freon) type compounds
**FLAME AND OPEN PATH TRANSMITTERS**

**Dräger Flame 2000**
Uses an advanced infrared and optical sensor to provide maximum sensitivity to carbon dioxide spectral bands.

**Dräger Flame 2100**
A single spectrum optical detector using an ultra-violet sensor to detect flames, while eliminating interference from solar-radiation and other non-fire UV sources.

**Dräger Flame 2500**
Features three infrared sensors to identify fire events with exceptional sensitivity and extreme immunity to false alarms.

**Dräger Flame 2350**
The ultra fast triple IR flame detector that can detect hydrocarbon-based fire to a distance of up to 90 meters.

**Dräger Flame 2570**
A dual spectrum optical detector, using a combination of ultra-violet and infrared sensors to detect fires at a high speed response time of 20 milliseconds.

**Dräger Flame 2100**
A single spectrum optical detector using an ultra-violet sensor to detect flames, while eliminating interference from solar-radiation and other non-fire UV sources.

**Dräger Flame 2500**
Features three infrared sensors to identify fire events with exceptional sensitivity and extreme immunity to false alarms.

**Dräger Flame 2700**
A multi-IR detector that 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.

**Dräger Polytron® Pulsar**
Open path combustible gas monitor for coverage from 4 to 200 meters.

**SaFEye**
The sensors in these detectors are distinguished by their high sensitivity and fast response time and open path detection of H₂S, SO₂ or NH₃ over a range of 200 feet.
CONTROLLERS

Dräger REGARD®-1
General purpose, low cost single gas controller

Dräger REGARD® 3920
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 VarioGard®
A bus style controller for monitoring VarioGard transmitters

DraegerGard
A "customizable" 8/16 channel controller

DrägerGard Plus System
A fully expandable (up to 64 channels) automated control system

DrägerGard Plus System
A fully expandable (up to 64 channels) automated control system
ACCESSORIES

**Calibration Adapter**
A teflon adapter for the calibration of all DrägerSensors

**Remote Alarm Station**
Dräger provides various audio & visual notifications

**Remote Calibration Adapter**
Allows calibration of sensors in hard to reach places

**Remote Sensors**
Accessories to help remote mount sensors away from the transmitter

**Splashguard**
An accessory to prevent dust and water from collecting on the toxic and combustible sensor

**Vent Monitoring**
A custom 2” vent line monitoring system to detect and record gas releases
Custom Systems

At Dräger, we create technology that fits your needs. Our Application Engineering Group takes your concept and makes it a reality. Our team of engineers are capable, timely and have a passion to see your project from the drawing board to your hands; combined, they have their CFSE (Certified Functional Safety Engineer), CFSP (Certified Fire Safety Professional), and PMP (Project Management Professional) certifications, and represent all relevant engineering disciplines (mechanical, electrical, software, chemical).

EXAMPLE OF CUSTOMIZED SYSTEM: TWO STREAM LEL GAS SAMPLING SYSTEM

NOTES:
1. ALL BULKHEAD FITTINGS ARE 1/4" STAINLESS STEEL TURNING FITTINGS (SWAGE/FLANGE).
2. THE ENCLOSURE IS STAINLESS STEEL, NEMA 4X.
3. ALL DIMENSIONS ARE NOMINAL.
4. THE GAS DETECTORS (2) REQUIRE 24VDC. TERMINALS PROVIDED.
5. THE SAMPLE PUMPS (2) REQUIRE 120VAC. TERMINALS PROVIDED.