

## Press release

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# New Infrared Gas Transmitters from Dräger

Dräger PIR 7000 and Dräger PIR 7200

**Lubeck - Dräger has further extended its comprehensive range of explosion proof fixed gas detection systems with two new infrared (IR) gas transmitters. Ideal for use throughout industry and ensuring no false alarms, the Dräger PIR 7000 provides continuous monitoring of flammable gases and vapours, whilst the Dräger PIR 7200 is designed to monitor carbon dioxide.**

Accurate and reliable in use, both instruments have demonstrated a precise, stable measuring performance during long-term tests and, as certified by TÜV\*, only account for two percent of the SIL 2 budget for a gas detection system.

### **Flexible, Fast and Reliable**

Incorporating double-compensating, 4-beam technology and designed to detect methane, propane and ethylene as standard, the Dräger PIR 7000 also features a variable gas library which allows up to ten other substances such as solvents or alcohol to be added. Easily adapted to meet the requirements of different industries, the measuring ranges of both transmitters can be freely configured to suit the needs of different applications.

A special process adapter allows the transmitters' response characteristics to be changed to meet individual requirements. The response mode can also be configured to suit particular needs with, for instance, the "high speed" option, when combined with low alarm thresholds, providing indication of detected substances in under a second. Any faults during the measuring operation are immediately shown on the status indicator.

### **Equipped for hostile environments**

Certified to IP 66 and IP 67 and approved for use in potentially explosive atmospheres in accordance with ATEX, IECEx, UL and CSA, these rugged instruments are built for use in the harshest environments. With a wide range of

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\* TÜV Süd is a European Notified Body, authorised to certify to EU Directives.

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assembly and configuration accessories, they can also be installed in most settings. Reducing the risk of false alarms, the measuring characteristics of the sensors are unaffected by dust and dirt deposits on the optical surfaces, and the use of mesh and filters prevents insects from entering the measurement cuvette.

Both the Dräger PIR 7000 and Dräger PIR 7200 offer an expected lifetime of more than 15 years with regular servicing.

The Dräger PIR 7000 has received with the red dot design award 2008 for high quality design from the Design Zentrum Nordrhein-Westfalen.

### **About Dräger:**

Drägerwerk AG & Co. KGaA is a leading international corporation in medical and safety technology: Dräger products protect, support and save lives. Founded in 1889, the technology corporation achieved a global turnover of 1,819.5 million Euros in 2007 and an EBIT of 151.9 million Euros. Today the corporation headquartered in Lübeck employs approx. 10,000 people in over 70 sales and service companies world-wide and is represented in 190 countries. The subsidiary Dräger Safety offers products, services and system solutions for a comprehensive risk management, especially for personal and plant protection.

Further information is available at [www.draeger.com](http://www.draeger.com)

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