The Dräger Catalytic Bead Sensors is designed for the continuous monitoring and detection of combustible gases and vapours – with different versions for different applications or concentrations.
Benefits

Based on the catalytic bead principle

The Catalytic Bead DrägerSensors are based on the catalytic bead detection principle, the only detection principle for combustible gases such as hydrogen that is acknowledged in the industry.

High Temperature DrägerSensors Ex HT M

The Catalytic Bead DrägerSensors Ex HT M has been approved for temperatures of up to 150 °C.

DrägerSensors ExPR M

The Catalytic Bead DrägerSensors Ex PR M includes pellistors that show longer endurance under the influence of poison substances such as hydrogen sulphide than conventional types.

Low Concentration DrägerSensors Ex LC M

The Catalytic Bead DrägerSensors Ex LC M is designed for detection of very low gas concentrations. The measuring range is 0...10 % LEL.

System components

Dräger REGARD® control system

Tried and tested thousands of times and infinitely flexible. The modular regard® control system can be individually adapted to any monitoring task. Suitable for SIL 2 systems, the regard® system is also ATEX approved, and meets EMC directive standards.
System components

Dräger REGARD® 3900
The Dräger REGARD® 3900 is a standalone, self contained control system for the detection of Toxic, Oxygen and Ex hazards. The control system is fully configurable between 1 and 16 channels, depending upon the type and quantity of input/output boards installed.

Dräger REGARD-1
The Dräger REGARD-1 is a standalone, self contained single channel control system for the detection of Toxic, Oxygen and Ex hazards. The control system is fully configurable for a single input from either a 4 to 20 mA transmitter or a Dräger Polytron SE Ex measuring head.

Dräger PEX 3000
The transmitter Dräger PEX 3000 detects flammable gases and vapors in concentrations below their Lower Explosion Limit. Its DD-sensor provides a very long-term stable measuring signal and responds to gas in only a few seconds.
Accessories

**Calibration chamber**

A metal chamber to vaporise combustible liquids to develop vapours (e.g. acetone, benzene, hexane, nonane etc.) Used to for zero-point tests and calibration.

Order No.: 68 02 206

**Remote calibration adapter**

For calibrations of transmitters with electrochemical sensors (not type L), catalytic sensors (pellistors) and transmitters of type Polytron IR CO₂ and Polytron IR Ex HC that are mounted in difficult to access positions.

Order No.: 68 07 955

**Calibration adapter**

Adapter for zero-point tests and the calibration of transmitters with electrochemical sensors (not type L), catalytic sensors (pellistors) and transmitters of type Polytron IR CO₂ and Polytron IR Ex HC. Order No.: 68 06 978

**Splash guards**

Guards the DrägerSensors of transmitters with electrochemical sensors (not type L), catalytic sensors (pellistors) and transmitters of type Polytron IR CO₂ and Polytron IR Ex HC against splashing water.

Order No.: 68 07 549
Related Products

DrägerSensor IR

Upgrade from Catalytic bead to infrared technology with ease using the DrägerSensor IR. The Sensor IR can replace catalytic ex-sensors (pellistors) from the majority of manufacturers without replacing controllers, cables, junction boxes or control systems.
Notes