

Catalytic Bead DrägerSensors® for Fixed Gas Detectors

Measuring combustible gases and vapors is essential for the safety of your people and your facilities. Intended for Dräger's fixed gas detectors, Catalytic Bead DrägerSensors® are designed for continuous monitoring and detection of combustible gases and vapors—with different versions for different applications and concentrations.



Benefits

Catalytic bead technology: the choice for potentially explosive environments

Catalytic Bead DrägerSensors are based on the catalytic bead detection principle, one of the only technology acknowledged in the industry for detecting and measuring detection principle for combustible gases such as hydrogen.

Performance in extreme environments

Catalytic Bead DrägerSensors Ex PR M—for poisonous substances

Catalytic Bead DrägerSensors Ex PR M contain pellistors that show longer endurance under the influence of poison substances than conventional types.

Catalytic Bead DrägerSensors Ex HT M—for high temperature environments

Catalytic Bead DrägerSensors Ex HT M contain PR pellistors and are approved for temperatures of up to 302°F/150°C.

Catalytic Bead DrägerSensors Ex LC M—for detecting low gas concentrations

Catalytic Bead DrägerSensors Ex LC M contain PR pellistors that allow for the detection of very low gas concentrations by their special arrangement and amplifier electronics. The measuring range is 0–10% LEL.

Innovation—Double Detector Measuring

The DrägerSensor achieves optimum compensation by using the patented Double Detector principle **with 2 active pellistors** to reduce measurement drifts between the detector and compensator. The better the compensation, the better the performance.

The gas permeable explosion-proof encapsulation is not achieved by a sinter disc, but by a thin wire mesh. The thickness of the wire mesh disc is only 0.08 mm. The diffusion path length is approximately the same distance. Shorter diffusion paths mean faster response times.

DrägerSensors, Polytron and REGARD are trademarks of Dräger.

Accessories

ST-56654-2006



Calibration Chamber

This metal chamber is designed to vaporize combustible liquids such as acetone, benzene, hexane, nonane, etc. Used for zero-point tests and calibration.

Part number: 68 02 206

ST-56778-2006



Calibration Adapter

This adapter is designed for zero-point tests and calibration of transmitters with electrochemical sensors (not type L), catalytic sensors (pellistors) and Polytron IR CO₂ and Polytron IR Ex HC.

Part number: 68 06 978

ST-56792-2006



Remote Calibration Adapter

This adapter is designed for calibration of transmitters with electrochemical sensors (not type L), catalytic sensors (pellistors) and Polytron IR CO₂ and Polytron IR Ex HC type transmitters that are mounted in difficult to access locations.

Part number: 68 07 955

ST-56887-2006

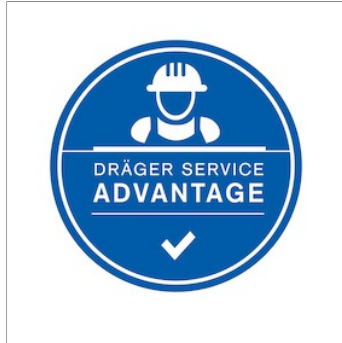


Splash Guards

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

Part number: 68 07 549

Services



Dräger Service

When your operation's safety equipment is backed by over 125 years of experience and supported by the same team that engineered it, you can rely on service and rental solutions that are tailored to meet your unique needs. With Dräger's safety solutions, you get complete peace of mind, budget security, and full-service support that you can count on every step of the way. That's the Dräger Service Advantage.

Related Products



DrägerSensor® IR

Upgrade to infrared technology in an instant. The DrägerSensor® IR can replace catalytic Ex sensors (catalytic bead sensors, pellistors) without additional installation work.



Electrochemical (EC) DrägerSensors®

When you need to selectively measure the smallest concentrations of airborne toxic gases and oxygen under ambient conditions, Electrochemical DrägerSensors are your answer. These long-life EC sensors for Dräger transmitters offer fast response times, high accuracy, and unmatched stability.

Notes

Notes

Not all products, features, or services are for sale in all countries.
Mentioned Trademarks are only registered in certain countries and not necessarily in the country in which this material is released. Go to www.draeger.com/trademarks to find the current status.

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