



# Dräger REGARD 3000 plus Controller

The Dräger REGARD 3000 plus is a flexible control system that reliably monitors hazardous areas in your gas detection system and triggers alarms. Its modular design adapts to different system sizes and can be configured centrally or locally. A user-friendly dashboard and clear alarms provide transparency and safety.

# Highlights

## Simple, modular and future-ready solutions for your safety

REGARD 3000 plus is a straightforward and efficient choice for gas detection. For systems with 10 or 12 input channels, you only need two base units, each fitted with one analogue input module and one relay module, plus two housing covers, one with and one without a dashboard. Your system is ready to go in no time, allowing you to focus on what matters most. REGARD 3000 plus also gives you the flexibility to expand your gas detection system at any time. There is no need to worry about future requirements: With additional components such as a base unit and a housing cover with light ring and sounder, you can easily scale up to 192 logical channels. The system is built to grow alongside your operations.



## Tailored flexibility for maximum efficiency

Experience full flexibility for your specific application: REGARD 3000 plus lets you build a gas detection system tailored exactly to your needs. Whether you require 2-, 4- or 8-channel input modules, or 4- or 8-channel relay modules, the system can be configured accordingly. This setup gives you a customised solution with top-level efficiency and performance. Each input channel on the REGARD 3000 plus handles signal currents from 0 to 22 mA and lets you set alarm thresholds and special signals to match your application. You can supply up to 500 mA per channel, with a total of max. 2 A per input module. Relay modules add extra flexibility with multiple configuration options for precise alarm control.



By using Dräger-specific HART® information for transmitter monitoring, you gain valuable insights for maintenance and condition monitoring. This cuts down your workload and helps you keep optimising your gas detection system.

## Safe planning and reliable operation

The Dräger REGARD 3000 plus Docking Station makes module installation easy, with three colour and shape-coded slots for fast and secure placement. Two digital inputs let you connect remote acknowledgment buttons and maintenance switches for optimal control. For smaller systems, four group relays are available for alarm thresholds 1 and 2 (A1, A2 - A8) and fault messages (SSR/SFR). Whether used as a Base Unit with integrated power supply or individually for wall and cabinet mounting, this flexible solution adapts to your requirements. With integrated visual and audible alarms you always receive all key information, whether you are looking at the dashboard or not. Different tone sequences for alarm thresholds help you tell alarm types apart

with ease. If needed, you can switch off the visual and audible signals and adjust the alarms to your requirements.

### **Unlimited networking for maximum flexibility**

Take advantage of unlimited interlinking and flexibility: Connect your gas detection systems easily via Ethernet, from Docking Station to Docking Station. Within a REGARD 3000 plus system you can integrate up to 12 docking stations in a multi-drop structure, with cable runs up to 100 metres. If required, fibre optic connections cover even longer distances. With two LAN ports per station you get a stable and scalable network integration that makes your system future proof. You can also connect your REGARD 3000 plus easily to the REGARD 7000. All channels display clearly on one dashboard and you configure them centrally, regardless of which system they come from. This enables seamless and equal use of all components.

### **Intuitive operation and comprehensive overview**

Enjoy easy operation with a large 10-inch dashboard, always clear to read and simple to use. The large touch fields make your inputs quick and safe. All measurements and status messages appear clearly, so you always keep track. With just a few clicks you add measuring points or block channels, always with password protection. You can manage up to 24 modules conveniently, either in Base Units or at cabinets. In addition to the dashboard inside the in Base Unit, the Dräger REGARD 3000 plus is also available with a Lid Unit without dashboard. The integrated light ring remains fully functional: It shows normal operation in blue or green and warns you of faults (yellow) or alarms (red), visible even from a distance, so you always stay informed and can react quickly.

### **Decentralised design lowers costs**

Measuring points are often spread out and central installations can be expensive. With our system you build compact subsystems that connect easily via Ethernet to form one complete system. This gives you a central dashboard that bundles all information clearly and makes control easier. The integrated light ring and sounder replace additional local alarm systems, which lowers installation costs and increases efficiency. If needed, you can set up extra local dashboards, for example in areas with several access points. That way you always have key information exactly where you need it - for more safety and convenience.

### **Extended control with the Dräger Edge Device**

Use the Dräger Edge Device as an additional option to the REGARD 3000 plus to turn your gas detection system into a modern IIoT solution. With seamless cloud access and the Gas Detection Connect software (GDC) you get real-time data and historical analysis that help you plan maintenance efficiently and keep full oversight of your system. You can access the data remotely from everywhere with any internet-enabled device without installation. This integration gives you maximum control and safety, so you always stay informed wherever you are.

# Connective Products



## Dräger Flame 5000

- Imaging based explosion proof flame detector with a colour CCTV camera
- Digital image processing and advanced algorithms for flame interpretation
- Extended field of view and fewer false alarms



## Dräger PIR 7000

- Explosion proof point infrared gas detector
- Continuous monitoring of flammable gases and vapours
- Drift-free optics and robust product design



## Dräger Polytron 8100 EC

- Top-of-the-line explosion-proof transmitter
- Monitors toxic gases or oxygen
- High performance plug and play electrochemical DrägerSensor



## Dräger Pulsar 7000 Series

- Open path gas detector for explosive hydrocarbons
- Robust design and rapid response time
- Dependable solution for oil, gas, and chemical industries

Not all products, features, or services are for sale in all countries. Trademarks mentioned herein are the property of its respective owner. Trademarks may be owned by Drägerwerk AG & Co. KGaA (Dräger) or its affiliates in certain countries and not necessarily in the country in which this material is released. Visit [www.draeger.com/trademarks](http://www.draeger.com/trademarks) for the current status of Dräger's trademarks.

### **Dräger Safety AG & Co. KGaA**

Revalstraße 1  
23560 Lübeck  
Germany  
Tel: +49 800 882 883 0

### **Corporate Headquarters**

#### **Drägerwerk AG & Co. KGaA**

Moislinger Allee 53–55  
23558 Lübeck  
Germany

