Dräger QuadGard
Control System

The Dräger QuadGard is a standalone, self contained control system for the detection of Toxic, Oxygen and Ex hazards. The system can be configured for up to four independent gas detectors.

Benefits

Flexible

The QuadGard control system is suitable for one to four gas detectors; either two or three wire transmitters, toxic or Ex, mA or mV. There are three alarms per gas detector, and these alarms can be individual, common, or voted; rising, falling and/or latching.

User-friendly

With its easy-to-use, password-protected menu structure, the system can be adapted to any customer-specific requirements. The settings for the connected transmitters and gases are entered via the integrated keypad. The gas concentration can be read from the 2-line LCD display. All of the status information is clearly arranged. LEDs in different colours give a quick overview over the current status of the equipment (e.g. power supply on, alarm raised, fault detected).

Robust

With its robust, wall-mounted enclosure, the QuadGard conforms to protection class IP65 and is therefore also suitable for outdoor use.

System components

ST-11659-2007

Dräger PIR 7000

The Dräger PIR 7000 is an explosion proof point infrared gas detector for continuous monitoring of flammable gases and vapours. With its stainless steel SS 316L enclosure and drift-free optics this detector is built for the harshest industrial environments, e.g. offshore installations.

System components

ST-3812-2003

Dräger Polytron® 7000

The Dräger Polytron® 7000 is a gas detector that can satisfy all toxic and oxygen gas measurement applications on a single platform. It is meeting the requirements of the compliance market as well as the high specification requirements of customized solutions.

D-11158-2011

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.

D-49077-2012

Dräger Flame 5000

The Dräger Flame 5000 is an explosion proof colour imaging based flame detector. Each detector operates standalone and incorporates, within a single unit, an integrated CCTV system; digital signal processing and software algorithms to process live video image and interpret the characteristics of a flame.

ST-3800-2005

Dräger Polytron® 7500

The Dräger Polytron® 7500 is a gas detector for nitrogen trifluoride (NF_3), fluorinated and chlorinated hydrocarbons in ambient air.

Related Products

2-669-95

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.

ST-335-2004

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.

D-27777-2009

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.

Technical Data

Dräger QuadGard

Control unit	Low profile wall mounting enclosure
	Local alphanumeric display
	Front panel membrane push buttons
	Front panel LED's
	Internal alarm
Ingress protection	IP 65 and NEMA 4
Power Supply	110 V/230 V AC, 50-60 Hz
	5 W (100 W maximum)
	24 V DC, 2A
Outputs (system)	MA 1, MA 2, MA 3 and common fault
	voted, common or single alarm configurations
Input modules	2/3 wire 4-20 mA transmitters
	3 wire pellistor
Outputs (per input)	A1, A 2, A 3/fault alarm relays
	Repeat 4-20 mA
Approvals	EC, EMC EN50081-1 and 50082-2
	UL, LVD EN 61010-1

Ordering Information

Dräger QuadGard IP 65	42 05 810
Dräger QuadGard NEMA 4 (UL), 4 input modules (UL)	45 43 176
Input module mA (CE)	42 05 916
Input module SE Ex (CE)	42 05 917