

Dräger VarioGard® Central Unit Control System

The Dräger VarioGard® Central Unit is at the center of a cost-efficient, modular gas detection system. A digital Bus makes it possible to connect and manage up to 100 transmitters for various gases.



Benefits

Multifaceted Alarm Management

Four concentration alarms and four average alarms can be programmed on a freely selectable time base for each connected transmitter. If a gas alarm is detected, visual, audible and electrical indicators are activated so that suitable action may be taken.

Configured to meet customer requirements

A VarioGard system can be individually put together and programmed, in accordance with customer specifications. VarioGard Transmitter, VarioGard Relay Module, VarioGard Converter Module and VarioGard Battery Module can be selected as modules. The three-wire digital bus cable for connecting the individual modules can be up to 1100m long.

Simple operation

The device is configured using six keys and a two-line display. The equipment comprises a three-color LED [standard operation (green), warning (yellow) or alarm (red)], a built-in audible alarm, and five programmable relays.

Accessories



Cable gland

Additional cable gland (M20 x 1.5) for complex systems.
Part number: 83 15 420

Related Products



D-6806-2016

Dräger REGARD® 7000

The Dräger REGARD® 7000 is a modular and therefore highly expandable analysis system for monitoring various gases and vapours. Suitable for gas warning systems with various levels of complexity and numbers of transmitters, the Dräger REGARD® 7000 also features exceptional reliability and efficiency. An additional benefit is the backward compatibility with the REGARD®.

Technical Data

Type	Control unit for a Dräger VarioGard® system	
Display	LCD; 2 lines, 20 characters; for concentrations, alarms and menu	
Status indicator	3-colour LED; operation, alarm, service	
Inputs	6 function keys	
Alarm output	Internal horn, red status LED, LCD and alarm relay	
Outputs	5 configurable, potential-free, normally-open relays for alarms and faults	
Electrical connections	Power connection, relay outputs, system bus line, battery module, remote acknowledgement terminal, PC port	
Ambient conditions	Temperature	-20 to 40°C
	Humidity	10 to 95% rel. hum., non-condensing
	Druck	700 to 1,300 hPa
Housing	Plastic ABS, light grey RAL 7035, IP65	
	M25 x 1.5 mains power connection	
	M20 x 1.5 (other)	
Dimensions	240 x 200 x 90 mm (W x H x D)	
Weight	2.2 kg	
Approvals	CE mark	RFI/EMC 89/336/EEC
		SELV 7 2/23/EEC
		TÜV Rheinland VDI 2053

Ordering Information

Dräger VarioGard® Central Unit, German 230 V AC	83 15 150
Cable gland, M20 x 1.5 (pack of 10)	83 15 420
Instruction for Use	90 23 572
Dräger VarioGard® Central Unit, English 230 V AC	83 15 350
Dräger VarioGard® Central Unit, English 115 V AC	83 15 370
Dräger VarioGard® Central Unit, German 230 V AC, switch cabinet version	83 15 160

Notes

Notes

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