

## Dräger VarioGard® 2320 IR Detection of toxic gases and oxygen

In many fields of work, quick and reliable gas detection is a must. This is why we offer the Dräger VarioGard® stationary gas detector range. Dräger VarioGard® 2320 IR monitors possible gas leaks or work place exposure limits of carbon dioxide.



## Benefits

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### **The one to count on**

The Dräger VarioGard 2320 comes equipped with highly precise infrared optical sensors, which greatly reduce the possibility of false alarms so that it should only sound when real danger is evident. The IR sensors are also extremely robust and rarely need to be recalibrated. Another plus is that they are resistant to outside factors in the air which could cause damage to the sensor.

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### **Simple set-up and handling**

The VarioGard 2320 can be easily installed and put into operation without any special knowledge or training. All devices are set up before delivery and do not require any additional configuring. Maintenance is equally hassle-free and needs minimal equipment.

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### **Gas library and variable measuring ranges**

With the VarioGard 2320 for carbon dioxide measurement, you can set its alarm to sound either in ppm, when the work place exposure limits has been exceeded, or in Vol.-% for leakage. All of these options are easily and quickly accomplished with the accompanying VarioGard PC software.

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### **Standardised output signal**

Due to their standardised 4-20-mA signal the Dräger VarioGard range can be combined with numerous other components and easily integrated into other systems and operations.

## System Components



ST-56472-006

### Dräger REGARD® 2400 and REGARD® 2410

Dräger REGARD® 2400 and 2410 are flexible small control units for detection of toxic gases and oxygen as well as combustible gases and vapours. Combined with the Dräger transmitters or sensing heads Dräger REGARD® 2400 or 2410 forms a low-maintenance gas detection system for reliable protection.



D-1130-2010

### Dräger REGARD® 3900 Series

The devices of the Dräger REGARD® 3900 series can be used as standalone controllers. You can configure up to 16 measuring channels. In addition, the modular setup enables you to customise the control units to the demands of your plant. You can also embed further features to existing alarms.

## Accessories



D-85363-2013

### Magnetic wand

## Accessories



D-5962-2014

**Calibration adapter VarioGard® 3x00**



ST-5690-2006

**Cable inlet M20 x 1.5 (set of 10)**

## Related Products



D-6463-2010

**Dräger VarioGard® 3320 IR Transmitter**

The Dräger VarioGard® 3320 IR is a digital transmitter with an integrated infrared optical DrägerSensor®. It detects carbon dioxide in the ambient air. This affordable system component makes it easier for you to configure a gas warning system.

## Related Products



D-6452-2010

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### Dräger VarioGard® 2300 IR

In many fields of work, quick and reliable gas detection is a must. This is why we offer the Dräger VarioGard® stationary gas detector range. The Dräger VarioGard® 2300 IR monitors possible gas leaks of methane or LPG.

## Technical Data

Type	Transmitter for the measurement of concentrations of gases in the ambient air	
Gases and measuring ranges	CO <sub>2</sub>	0 to 5 Vol.-%
Display	2-colour LED (green, yellow): operation, maintenance	
Input	2-function buttons	
Electrical data	3-wire cable 16 to 30 V DC, GND, 4-20-mA	
Ambient conditions	Temperature	-20 °C to +50 °C / -4 °F to +122 °F
	Humidity	10 to 95 % RH, non-condensing
	Pressure	700 to 1,300 hPa / 23.6 to 32.5 inch Hg
Dimensions (with a cable inlet)	120 x 110 x 60 mm (W x H x D) plastic	
Weight	0.4 kg plastic	
Housing	Plastic ABS light grey RAL 7035 IP 65 / NEMA 4x	
Cable inlet	M20 x 1.5; 6 to 12 mm	

## Ordering Information

VarioGard® 2320 IR CO <sub>2</sub> PL (Plastic)	83 24 833
Calibration adapter	83 22 015
Software set VarioGard® 3x00 (including USB adapter)	83 22 016
VarioGard® Instruction for Use	90 33 185
Magnetic Wand	45 43 428
Cable inlet M20 x 1.5 (set of 10)	83 15 420

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