

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

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.

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.

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.

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

Dräger VarioGard® 2300 IR

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Technical Data

Type	Transmitter for the measurement of concentrations of gases in the ambient air	
Gases and measuring ranges	CO ₂	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 ₂ 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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CORPORATE HEADQUARTERS

Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Germany
www.draeger.com

REGION DACH

Dräger Safety AG & Co. KGaA
Revalstraße 1
23560 Lübeck, Germany
Tel +49 451 882 0
Fax +49 451 882 2080
info@draeger.com

REGION EUROPE

Dräger Safety AG & Co. KGaA
Revalstraße 1
23560 Lübeck, Germany
Tel +49 451 882 0
Fax +49 451 882 2080
info@draeger.com

REGION MIDDLE EAST, AFRICA

Dräger Safety AG & Co. KGaA
Branch Office
P.O. Box 505108
Dubai, United Arab Emirates
Tel +971 4 4294 600
Fax +971 4 4294 699
contactuae@draeger.com

REGION ASIA PACIFIC

Dräger Singapore Pte. Ltd.
25 International Business Park
#04-20/21 German Centre
Singapore 609916
Tel +65 6308 9400
Fax +65 6308 9401
asia.pacific@draeger.com

REGION CENTRAL AND SOUTH AMERICA

Dräger Panama S. de R.L.
Complejo Business Park,
V tower, 10th floor
Panama City
Tel +507 377 9100
Fax +507 377 9130
contactcsa@draeger.com

Locate your Regional Sales
Representative at:
www.draeger.com/contact

