

Dräger VarioGard® 3300 IR Transmitter Detection of flammable gases and vapours

The Dräger VarioGard® 3300 IR is a digital transmitter with an integrated infrared optical DrägerSensor®. It detects the flammable gases methane and LPG in the ambient air. This affordable system component makes it easier for you to configure a gas warning system.



Benefits

Digital function

The Dräger VarioGard 3300 IR is connected with the controller via a digital VarioGard bus. This is how it is supplied with electricity and how it transmits its measuring results. You can easily control the entire VarioGard system via the VarioGard bus.

High reliability

The VarioGard 3300 IR is equipped with an infrared optical DrägerSensor. This sensor measures the concentration of flammable gases in the ambient air. The measured values are transmitted digitally to the controller and displayed there. An alarm is triggered if the gas concentration exceeds one or more of the configured limit values.

Easy operation

Operation is extremely easy. You can make all configurations comfortably from the controller using VarioGard software. You can configure and monitor four current limit values and four averages over time for each transmitter. The alarms are optically and acoustically displayed on the transmitter and transmitted to the controller. A three-colour LED indicates the operating status of the transmitter. The calibration is controlled using a magnetic wand via contact points.

Individually configurable

The VarioGard 3300 IR is adaptable to your needs. This means that you have different gas libraries available depending upon the desired use. It detects LPG for garages and CH₄ for methane monitoring that does not require explosion protection. In addition, you can place the cable inlets on all four sides of the transmitter. The transmitter can be mounted vertically as well as horizontally.

System Components



ST-9754-2007

Dräger VarioGard® Central Unit

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.



D-20582-2015

Dräger VVP 1000

The Dräger VVP 1000 is a 10" touch panel that provides a clear and simple display of all data from your Dräger VarioGard® gas detector. The touch panel visualises all relevant information such as measurement values and status messages in a way that is well organised and easy to understand.

Accessories



D-85363-2013

Magnetic wand

Accessories



Calibration adapter VarioGard® 3x00



Cable inlet M20 x 1.5 (set of 10)

Related Products



Dräger VarioGard® 3320 IR Transmitter

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

Related Products



D-6453-2010

Dräger VarioGard® 3200 CAT Transmitter

The Dräger VarioGard® 3200 CAT is a digital transmitter with an integrated catalytic DrägerSensor®. It detects the flammable gases methane and LPG in the ambient air. This affordable system component makes it easier for you to configure a gas warning system.



D-6452-2010

Dräger VarioGard® 3000 EC Transmitter

The Dräger VarioGard® 3000 EC is a digital transmitter with an integrated electrochemical sensor. It detects oxygen and toxic gases in the ambient air. This affordable system component makes it easier for you to configure a gas warning system.

Technical Data

Type	Transmitter for the measurement of concentrations of gases in ambient air	
Gases and measuring ranges	CH ₄	0 to 100 % LEL
	LPG	0 to 100 % LEL
Display	3-colour LED (green, yellow, red): operation, maintenance, alarm	
Input	2 function buttons	
Alarm output	Horn and red LED	
Alarms	8 configurable alarm limits	
Electrical data	3-wire cable 16 to 30V DC, GND, Dräger VarioGard® bus	
Ambient conditions	Temperature	-20 to +50 °C
	Humidity	10 to 95 % r. h., non-condensing
	Pressure	700 to 1,300 hPa
Dimensions (with a cable inlet)	120 x 110 x 60 mm (WxHxD) aluminium	
Weight	1.0 kg aluminium	
Housing	Aluminium light grey RAL 7035 IP 65	
Cable inlet	M20 x 1.5, 6 – 12 mm	

Ordering Information

VarioGard® 3300 IR Ex AL (aluminium housing)	83 23 627
Calibration adapter VarioGard® 3x00	83 22 015
Software set VarioGard® 3x00 (including USB adapter)	83 22 016
VarioGard® system technical handbook	90 33 191
Magnetic wand	45 43 428
Cable inlet M20 x 1.5 (set of 10)	83 15 420
VarioGard® Instructions for Use	90 33 185

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