

# Dräger VarioGard Transmitter Bus Version



ST-9885-2006

The Dräger VarioGard Transmitter is a module of the Dräger VarioGard system. This system comprises a central unit to which various modules can be connected and powered via a common bus line.

### High reliability

Proven DrägerSensors in the Dräger VarioGard Transmitter measure the concentration of the gas in the ambient air and trigger an alarm if the set limit values are tripped. Four instant limit values and four time-averaged values can be set and

monitored. The alarms are displayed audibly and visually on the transmitter and sent to the central unit.

The transmitter regularly performs a sensor self-test and signals any need for maintenance.



ST-9764-2006

### Dräger VarioGard Transmitter Bus Version:

Economic transmitter without display for selected gases.

## TECHNICAL DATA

Type	Transmitter for measuring the concentration of gases in the ambient air	
Gases and measurement ranges	Carbon monoxide CO	0 to 300 ppm
	Ammonia NH <sub>3</sub>	0 to 1200 ppm
	Oxygen O <sub>2</sub>	0 to 25 % by vol.
	Nitrogen monoxide NO	0 to 50 ppm
	Nitrogen dioxide NO <sub>2</sub>	0 to 20 ppm
Displays	Three-colour LED (green, yellow, red); operation, warning, alarm	
Inputs	Two function keys	
Alarm output	Horn and red LED	
Alarms	Eight adjustable alarm limits	
Electrical connections	Three-core cable	16 to 30 V DC, GND, Dräger VarioGard bus
Ambient conditions	Temperature	- 20 to 50 °C / - 5 to 120 °F
	Humidity	10 to 95 RH, non-condensing
	Pressure	700 to 1300 hPa / 20.7 to 38.4 inch Hg
Housing	Plastic ABS, light grey RAL 7035, IP 65, M20 x 1.5	
Dimensions	120 x 150 x 100 mm / 4.7" x 5.9" x 3.9" (W x H x D)	
Weight	0.4 kg / 0.9 lbs	
Approvals	CE mark	RFI/EMC 89/336/EEC
		SELV 72/23/EEC

## ORDER INFORMATION

Dräger VarioGard Transmitter Bus carbon monoxide CO	83 15 630
Dräger VarioGard Transmitter Bus ammonia NH <sub>3</sub>	83 15 240
Dräger VarioGard Transmitter Bus oxygen O <sub>2</sub>	83 15 230
Dräger VarioGard Transmitter Bus nitrogen monoxide NO	83 15 510
Dräger VarioGard Transmitter Bus nitrogen dioxide NO <sub>2</sub>	83 18 180
Protective grid	83 15 987
Cable inlet, M20 x 1.5 (set of 10)	83 15 420



## ETA Associates

119 Foster Street, Bldg #6 • Peabody, MA 01960

Tel: (978) 532-1330 • Fax: (978) 532 7325 • [www.ETAassociates.com](http://www.ETAassociates.com) • [eta@ETAassociates.com](mailto:eta@ETAassociates.com)