

Dräger VarioGard Transmitter 4 to 20 mA



ST-9979-2006

The Dräger VarioGard transmitter is a low-cost device for the continuous monitoring of toxic gases or oxygen in the ambient air.

High reliability

Proven DrägerSensors measure the gas concentration. The analogue 4 to 20 mA output signal is transmitted to an analysis system like the Dräger REGARD or to an SPS.

The microprocessor-controlled electronics regularly performs an internal function test and a patented sensor self-test. This integrated intelligence guarantees a high degree of functional reliability and availability. In the event of a malfunction, a 3 mA fault signal is transmitted.



ST-9764-2006

**Dräger VarioGard Transmitter
4 to 20 mA:**
Economic transmitter without
display for selected gases.

TECHNICAL DATA

Type	Transmitter for measuring gases in the ambient air	
Gases and measurement ranges	Carbon monoxide CO	0 to 300 ppm
	Ammonia NH ₃	0 to 1200 ppm
	Oxygen O ₂	0 to 25 % by vol.
	Nitrogen monoxide NO	0 to 50 ppm
Displays	Two-colour LED (green, yellow); operation, warning	
Output	4 to 20 mA	
Electrical connections	Three-core cable, 16 to 30 V DC, GND, 4 to 20 mA	
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 4 to 20 mA carbon monoxide CO	83 15 280
Dräger VarioGard Transmitter 4 to 20 mA ammonia NH ₃	83 15 270
Dräger VarioGard Transmitter 4 to 20 mA oxygen O ₂	83 15 260
Dräger VarioGard Transmitter 4 to 20 mA nitrogen monoxide NO	83 15 480
Protective grid	83 15 987



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