

OXY² Z

ZIRCONIA
OXYGEN
ANALYZER



THE ETALON OF QUALITY

Since the launch of the first generation in 2010, GRYF OXY Z stands for the most reliable and endurant Zirconia oxygen analyzer on the market. The second generation combines the exceptional features of its predecessor with a modern design and new, sophisticated technologies.

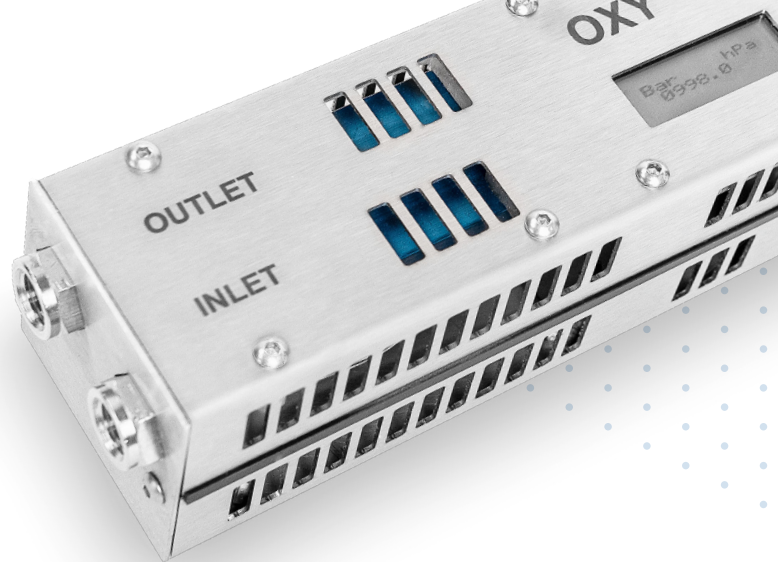
Development and production of professional electronic equipment since 1990.



GRYF
Manufacturer of Electronic
Measuring Instruments

UNLIKE ANY OTHER

The sensor design allows measuring of oxygen concentrations from 0,50 to full 100.00 %, regardless of gas pressure. High oxygen concentrations do not affect the sensor's lifespan. The absolute precision of reading is $\pm 0,5$ % within the full measuring scale. Unlimited Shelf Life while stored in the normal atmosphere. Proved lifespan of over 10 years while operated in gas with >5 % of oxygen.



INNOVATIVE AND COMPATIBLE

Integrated display showing reading results and allowing calibration without any additional device. Fulfilling dimensional requirements for most of the existing relevant PSA devices. Both 4–20 mA and Modbus RTU interface. System for logging operation conditions accessible by Android application.

THE QUALITY YOU DESERVE

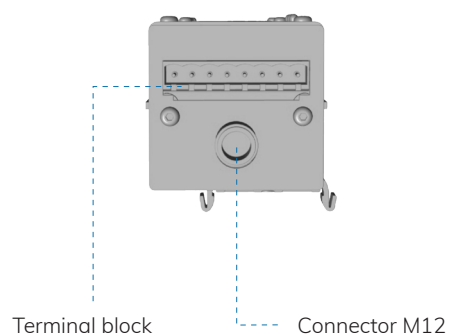
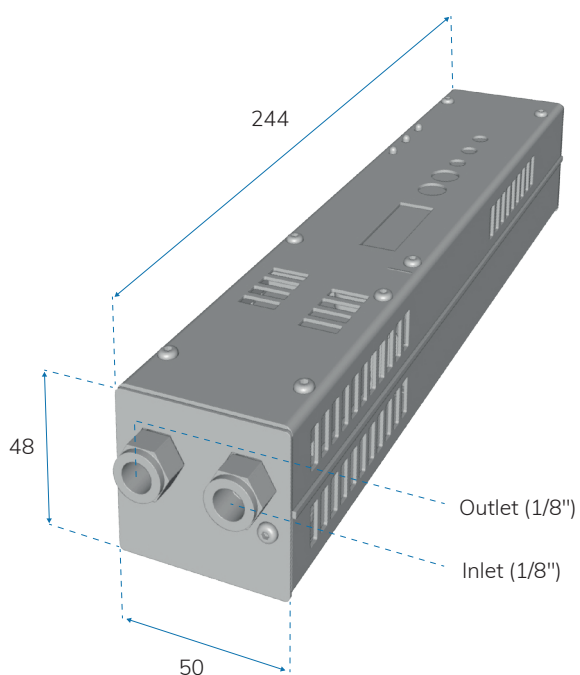
In GRYF, we believe that there is no space for compromise in engineering. That is why thousands of our customers worldwide choose our technologies for projects to have the highest reliability and superior precision.



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BASIC TECHNICAL PARAMETERS

Supply voltage	24 V/DC \pm 10 %
Supply current	500 mA
Output analog signal	4–20 mA
Data communication	Modbus RTU (RS485)
Oxygen concentration measurement range	0,1–100 %
Sensitivity	0,01 % (1–5 %) 0,1% (1–100 %)
Measurement accuracy	\pm 0,5 %
Warm-up time after start	60 s
Temperature stabilization after start	min. 5 minutes
Signal	NO FAULT 24 V, max. 100 mA
Flow rate of measured gas	0,2–0,3 l / min
Inlet pressure	1 Barg \pm 0.1 Bar
Maximum allowable pressure	PS 2 Bar
Operating temperature	from -10 to +50 °C
Dimensions	244 x 50 x 48 mm
Degree of protection	IP20





GRYF

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Measuring Instruments

ABOUT US

We are a modern Czech technological company with experience of development and manufacturing professional measuring equipment since 1990. Our equipment enhances the efficiency, user-friendliness and reliability of industrial operations in a variety of applications.

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