

# Oxygen O2 - transmitter with zirconia detection principle



Advantages of zirconia detection principle

- long sensor lifetime
- temperature condition until +50°C
- output signal 0/4 .. 20 mA
- not pressure-dependent
- power supply 12 - 28 VDC
- protection (IP 54)
- 0..25 or 0..95 Vol. % O2

The Transmitter can be connected to the GfG Controller GMA 011 or GMA 140. Because of the high power consumption this type of transmitter needs an additional, external power supply 24VDC.

## Technical Data :

**Typ O2.ZO**

**Gas :**  
Oxygen (O2)

**Detection ranges :**

0.. 25 Vol.% / 0...95Vol.%

**Detection principle :**  
zirconia

**Gas supply :**  
Diffusion or via calibration adapter

**Response time T<sub>90</sub>**  
< 30 seconds

**Expected sensor lifetime :**  
app. 5 years

**Operational conditions :**  
Temperature : -10...50°C  
Feuchte : 5... 99% r.H.

**Enclosure :**  
Material : Aluminum  
Protection : IP 54

**Dimensions :** 140x140x90mm

**Output signa :** 0/4..20 mA

**Supply :** 24 VDC 12..28 VDC

**Power consumption:** 6W

**Connection:** 4-Wire, shielded

**Wight:** 1600 gr.