



Worldwide Supplier Of Gas Detection Solutions



- For use in non-hazardous areas
- Sensors with long-term stability
- Highly selective
- Easy handling
- 0,2..1mA or 4..20 mA output signal
- Service lid for:
 - Measuring of output signal
 - Simple one-man calibration on-site
- Solid aluminium enclosure, IP 54 (optionally IP 68 for up to 10 m water column)
- Plug-in sensor cell replaceable without opening the casing

The Transmitter EC24 is a robust gas transmitter for the monitoring of oxygen and toxic gas concentration in air. Through potentiometer and test sockets behind a service lid, the calibration can be exercised with little handling on-site. The enclosure protection can be delivered up to IP68, that means it is dirt, dust and water proof. The transmitter EC24 can be operated alone or in combination with a GfG controller. Its important features are the easy handling and the long life.

Technical Data

Measuring gas

Oxygen (O₂) and toxic gases

Measuring range

0..5 Vol%, 0..25 Vol%
TOX in ppm

Gas supply

Diffusion through stainless steel sinter filter

Humidity

0..99% r.h.

Pressure

900..1100hPa

Cable connection

PG9

Cable dimensions

<300m (3x0,75mm cable)
>300m (3x1,5 mm cable) shielded cable

Response time

t₉₀ < 10 seconds (depending on gas)

Output signal

0,2..1 mA or 4..20 mA

Power supply

18..24 V, 4 mA

Ambient temperature

-20..+50°C (depending on sensor type)

Sensor life

≥2 years (depending on sensor type)

Casing protection

IP 54

IP 68 up to 10m water column (Option)

Dimensions

80 x 185 x 60 (WxHxD)

Weight

980g

ATEX

⊕ II 3G EEx nR [L] IIC T6 U
20°C ≤ Ta ≤ +50°C

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