

GAS DENSITY SENSOR WITH CURRENT OUTPUT

- Continuous density measurement
- Temperature signal via pulse-width output
- Suitable for outdoor and indoor applications
- Long term drift free output signal
- Maintenance free



Gas density sensor with current output 8774

Swiss based Trafag offers precise, reliable and maintenance-free instruments developed for density measuring of SF₆ and related alternative gases. Measurement is based on the patented quartz tuning fork technology. Thus offering the most reliable and long term drift free solution on the market by directly measuring the insulating gas density.



Applications

- Density monitoring in insulating and quenching gas
- High voltage technology
- Medium voltage technology
- SF₆ and variety of alternative mixed gases

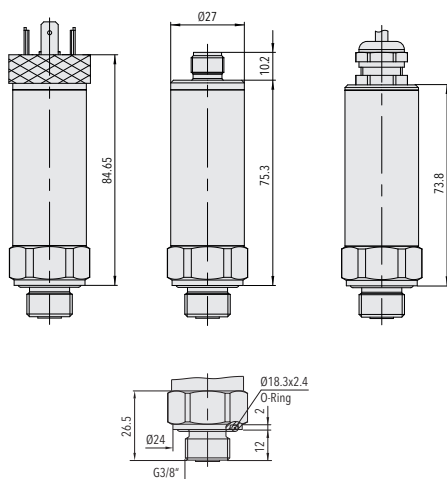
Features

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Technical Data

Measuring principle	Oscillating quartz	Supply voltage	<ul style="list-style-type: none"> • Pulse-width: 10 ... 20 VDC • Current loop: 10 ... 32 VDC
Measuring range	<ul style="list-style-type: none"> • Pulse-width: 0 ... 60 kg / m³ • Current loop: 0 ... 56.1 kg / m³ 	Ambient temperature	-40°C ... +80°C ⁵⁾
Output signal	<ul style="list-style-type: none"> • Pulse-width: 10 ... 253 Hz • Current loop: 6.5 ... 20 mA 	Overpressure	1500 kPa abs.

Sensor with G3/8" male process connection



Sensor with 2-hole flange 2800 series

