

OxyFT

Compact Oxygen Transmitter

OxyFT is a stand-alone, compact, flow-through transmitter for accurate oxygen measurement in high-temperature environments. It is highly reliable, with a non-depleting zirconia sensor for superior longevity, quick response times, and unrivaled stability.

OxyFT is an easy to integrate, low-cost transmitter. With optional outputs, measurement ranges, and wide operating temperature ranges, it is a flexible solution for many systems.

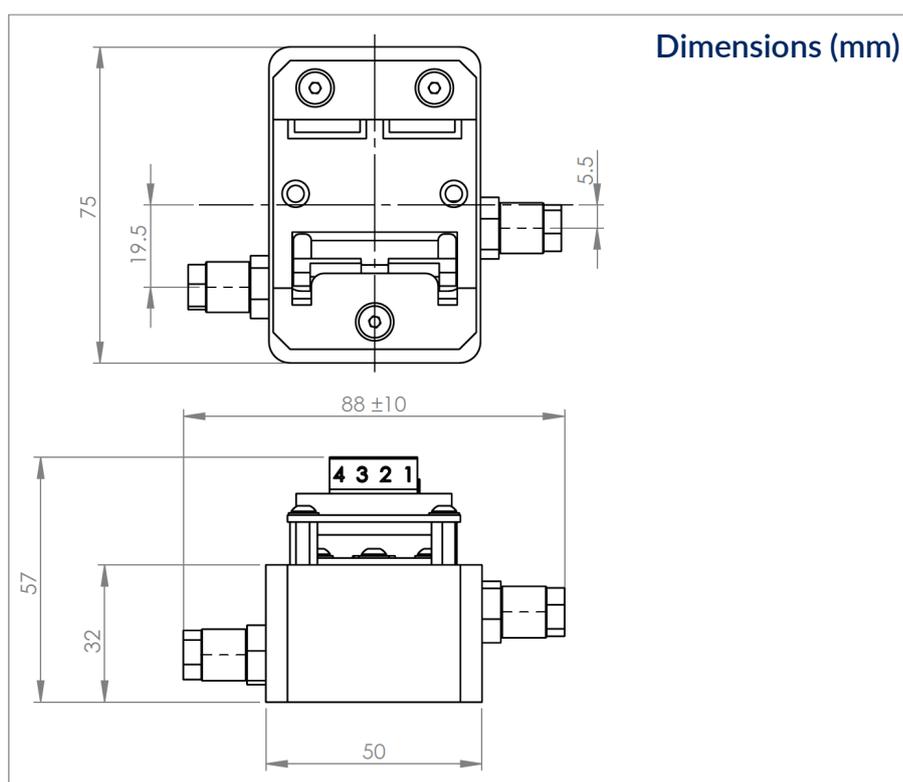
Highlights

- Measurement range: 0.1...100% O₂
- Ambient air calibration*
- Sensor heartbeat signal
- Low maintenance and self-diagnostics
- Easy integration with any PLC, micro or control/analyzer



Applications

- Glove-box
- Process coating machines
- Inert welding gases
- Heat treating and bright annealing
- Oxygen concentrators



Technical Specifications

Sensor	
Zirconia	
Measuring range	0.1...100 % O ₂
Response time (T90)	4 seconds
LDL (sensitivity)	0.01 %
Operating temperature range	XX °C...+XX °C (-XX F...XXX °F)
Pressure range	900...1100 mBar _{abs}
Life expectancy	
Humidity	0...95 %rh non-condensing
Shelf life	12 months
Process Connection	Flow-through (2 x 6 mm Swagelock)
Housing material	
OXY Ft Transmitter	
Electrical	
Power supply	
Maximum power consumption	
Output signal	4...20 mA
Digital communication	RS485
Digital output options	
Indicators	Sensor heartbeat signal (LED or PLC display?)
Mechanical	
Ingress protection	
Housing material	Anodized aluminum
Mounting	35 mm din rail
Cable length supplied	
Standards and certification	