All characteristics are based on conditions at 25°C, 50% RH and 1013 hPa

1. Electrical Connector: 3.5 mm mono jack
2. Measurement Range: 0 to 100 Vol.%
3. Nominal Sensor Life: > 1, 000, 000 Vol.% h
4. Expected Operating Life: < 3 years @ ambient air
5. Output Signal: 3.5 to 7.5 mV @ dry ambient air
6. Response Time t90 : < 12 s
7. Drift: < 1% volume O2 / month @ air
8. Operating Temperature: 0 to 40°C
9. Pressure Range: 750 to 1250 hPa
10. Linearity Error: ≤ 2% @ 100% O2 applied for 5 min
11. Zero Offset Voltage: ≤ 200 µV in 100% N2, applied for 5 min
12. Repeatability: ± 1 % volume O2 @ 100% O2, applied for 5 min
13. Influence of Humidity: -0.03% rel. O2 reading per % RH
14. Recommended Load Resistor: ≥ 10 kOhm
15. Temperature Compensation: NTC
16. Interferences: according to DIN EN 12598 and DIN EN ISO 21647
17. Storage Conditions
   a. Temperature Range: recommended: 5 to 30°C, maximum: - 20 to 50°C
   b. Humidity: up to 100% RH
18. Shelf Life (Before installation for use): No greater than 6 months
19. Material in contact with media: PA, PPS, PTFE, stainless steel
20. Warranty Period: 12 months
Tolerance: ± 0.15 mm