

Data sheet UMS Micro – Oxygen sensor DO

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| Measurement parameters: | dissolved oxygen (%Sat, mg/l, ppm, mmHg) |
| Temperature sensor: | internal NTC |
| Measuring range*: | 0,01 .. 35,00 mg/l (expandable on request) |
| Reference operating conditions: | 20 °C, 1013 mBar |
| Response time: | T ₉₀ : 30 sec. T ₉₉ : 60 sec. |
| Resolution*: | 0,01 mg/l (0 .. 35 mg/l) 0,1 mg/l (0 .. 200 mg/l) |
| Maximum measuring error: | 1% of the measured value + 0.1 mg / l |
| Polarization period: | Tp99: 2 minutes |
| Operating temperature: | 0 .. 70 °C |
| Maximum ambient pressure: | +7 bar, Negative pressure not allowed |
| Material: | Sensor housing: Stainless steel V4A (4404) Membrane: PTFE modified Cathode: Platinum Anode: Silver |
| Elektrolyte: | alkaline electrolyte |

*) When using OxyScan 300 hand-held meter