

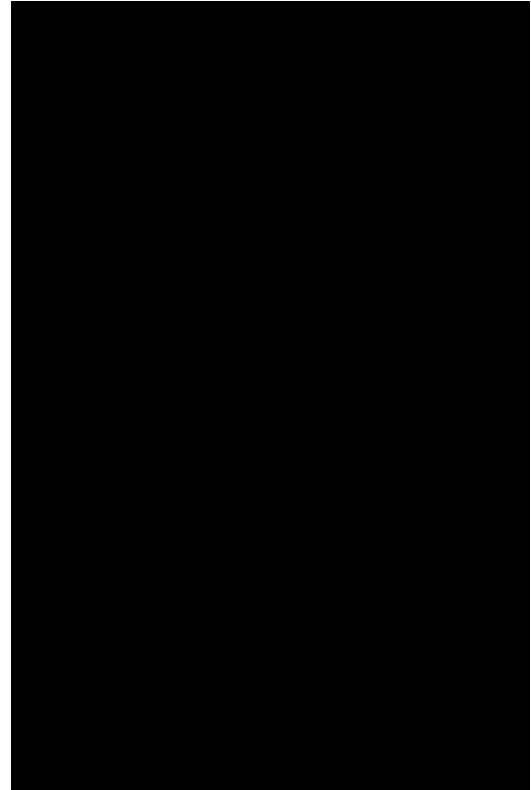
M-04

Oxygen Gas sensor Cell

Key Features: Long life cell that shows high signal stability at low cross interferences to anesthesia gases combined with a superior linearity over the entire range

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

Electrical Connector:	3-pin Molex gold plated
Measurement Range:	0 to 100 Vol. %
Nominal Sensor Life:	> 1, 000, 000 Vol. % h
Expected Operating Life:	< 6 years @ ambient air
Output Signal:	13 to 16.5 mV @ dry ambient air
Response Time t90 :	< 12 s
Drift:	< 1% volume O2 / month @ air
Operating Temperature:	0 to 40°C
Pressure Range:	750 to 1250 hPa
Linearity Error:	≤ 2% @ 100% O2 applied for 5 min
Zero Offset Voltage:	≤ 200 μV in 100% N2, applied for 5 min
Repeatability:	± 1 % volume O2 @ 100% O2, applied for 5 min
Influence of Humidity:	-0.03% rel. O2 reading per % RH
Recommended Load Resistor:	≥ 10 kOhm
Temperature Compensation	NTC
Interferences	according DIN EN 12598 and ISO 7767



Tolerance: ± 0.15 mm

Storage Conditions