

# MEDICAL OXYGEN SENSORS

OXYGEN SENSORS for monitoring oxygen content in anaesthetic and intensive respiration devices and in incubators.

For further information or offers please contact us directly.



## Specifications

- > Meet DIN EN 12598 and ISO 7767
- > Designed and manufactured according to EN ISO 9001:2000 and ISO 13485
- > Accurate and reliable response
- > Excellent repeatability and signal stability
- > Resistant to N<sub>2</sub>O
- > Highest product quality
- > short lead times

CE 0124

ACUTRONIC Medical Systems AG

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V08.1 - E

Part Number	Output Signal in Air	Response Time T <sub>90%</sub>	Nominal Lifetime	Electrical Interface
<b>OOM101</b> 1074	46µA – 63µA no temperature compensation	< 13 sec	≥ 500 000 % O <sub>2</sub> hours	Gold plated slip rings
<b>OOM102</b> 1075	9mV – 13mV temperature compensated	< 13 sec	≥ 1 000 000 % O <sub>2</sub> hours	3 pin Molex <sup>®</sup> Connector
<b>OOM102-1</b> 1076	9mV – 13mV temperature compensated	< 13 sec	≥ 1 000 000 % O <sub>2</sub> hours	3.5mm Mono Jack
<b>OOM103</b> 1698	9mV – 13mV temperature compensated	< 5 sec	≥ 500 000 % O <sub>2</sub> hours	3 pin Molex <sup>®</sup> Connector
<b>OOM103-1</b> 1969	9mV – 13mV temperature compensated	< 5 sec	≥ 500 000 % O <sub>2</sub> hours	3.5mm Mono Jack
<b>OOM104</b> 1077	24µA – 32µA no temperature compensation	< 13 sec	≥ 750 000 % O <sub>2</sub> hours	Gold plated slip rings
<b>OOM105</b> 1078	Teledyne <sup>®</sup> TED range	< 5 sec	≥ 500 000 % O <sub>2</sub> hours	Molex <sup>®</sup> plug 4P4C
<b>OOM106</b> 1970	9mV – 13mV temperature compensated	< 13 sec	≥ 1 000 000 % O <sub>2</sub> hours	3 pin Molex <sup>®</sup> Connector
<b>OOM107</b> 1079	170µA – 230µA no temperature compensation	< 13 sec	≥ 250 000 % O <sub>2</sub> hours	Gold plated slip rings
<b>OOM107-2</b> 1694	170µA – 230µA no temperature compensation	< 13 sec	≥ 250 000 % O <sub>2</sub> hours	Flying leads with pin-connectors
<b>OOM110</b> 1696	9mV – 13mV no temperature compensation	< 13 sec	≥ 1 000 000 % O <sub>2</sub> hours	Modular Jack 6P4C
<b>OOM201</b> 1080	24µA – 32µA (Dual Cathode) no temperature compensation	< 13 sec	≥ 500 000 % O <sub>2</sub> hours	Gold plated slip rings
<b>OOM202</b> 1638	13mV – 16mV temperature compensated	< 13 sec	≥ 1 000 000 % O <sub>2</sub> hours	3 pin Molex <sup>®</sup> Connector
<b>OOM202-2</b> 1695	9mV – 13mV temperature compensated	< 13 sec	≥ 1 000 000 % O <sub>2</sub> hours	Flying leads with 3 pin female Molex <sup>®</sup> Connector

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