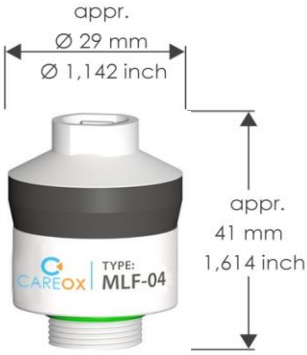


Important Properties: Leaded vs. Lead-free Sensor

Important Properties

Characteristics		Lead-free	Lead-containing
Compatibility	Mechanical	 <p>Fig. 5: Sensor side view with typical outer housing (white cap, white thread M16 x 1) and approximate dimensions</p>	
	Electrical	Recommended load resistor: 1 MΩ	Recommended load resistor: 1 MΩ
	Chemical	Weak Alkaline Electrolyte	Strong Alkaline Electrolyte
Handling	Operating Temperature	No change typically 5-45 °C	
	Operating Pressure	No change typically 700-1250 hPa	
	Operating Humidity	No change 0-100% RH, non-condensing	
	Storage Conditions	No change typically 50-30 °C, 0-98% rH typically shelf life about 6 months possible	
Basic Characteristics	Initial output Voltage @ air	No change typically 9-15 mV	
	N ₂ -baseline	No change typically < 0.3 Vol. % O ₂	
Interference	Anesthetic agent	According to DIN EN ISO 80601-2-55	
	CO ₂	None @ 5 % CO ₂ bal. N ₂	< 0.25 Vol.% @7% CO ₂ bal. N ₂

**This data is subject to change without a prior notice.*