

MATERIAL SPECIFICATION

Declaration of Compliance according to EN 10204-2.1

OxyFerm Sensor & Membrane Kit

REFs OxyFerm-FDA (XL)¹ Sensor: 237450, 237452 ... 237455, 237540, 237544, 237713, 237715, 10069701, 10069700, 243100, 243104, 243140-OP; Membrane Kit: 237140

REFs OxyFerm CIP² Sensor: 243289; Membrane Kit: 237126

REFs OxyFerm Standard³ XL Sensor: 237170, 237174, 237175-OP; Membrane Kit: 237123

Hamilton Bonaduz AG, Bonaduz, Switzerland

hereby declares that the wetted parts fulfill the following material specifications:

Wetted Parts	Material	Regulatory/Specification
Sensor shaft	Stainless steel 1.4435	R _a < 0.4 µm (N5)
Membrane body	Stainless steel 1.4435	R _a < 0.4 µm (N5)
O-ring(s)	FKM O-ring for XL sensor ^{2,3} FKM O-ring inside Membrane body ^{1,2,3} FKM O-ring at PG 13.5 ³	FDA 21 CFR 177.2600 EC 1935/2004 ISO 10993-5 USP <87> USP <88> class VI (121 °C)
	EPDM O-ring for XL sensor ^{1,3} EPDM O-ring at PG 13.5 ^{1,2}	FDA 21 CFR 177.2600 EC 1935/2004 ISO 10993-5 USP <87> USP <88> class VI (121 °C)
Silicone membrane	Silicone FDA ¹	FDA 21 CFR 177.2600 ISO 10993-5 USP <87> USP <88> class VI (121 °C)
	Silicone ^{2,3}	No further specification

¹ FDA Membrane, ² CIP Membrane, ³ Standard Membrane

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