

# Material Specification

Declaration of Compliance with the Order EN 10204-2.1

## Conducell 4UxF Sensors

Ref 237620, 237627, 237630, 237632-237634, 237640, 237650, 237670, 242159-242162, 243590-xxxx

Hamilton Bonaduz AG, Bonaduz, Switzerland

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

Wetted Parts	Material	Regulatory/Specification
Sensor shaft	PEEK	FDA 21 CFR 177.2415 EU 1935/2004, EU 10/2011 USP <88> class VI (121 °C)
	Stainless steel 1.4435 (for a-length >120 mm)	R <sub>a</sub> < 0.8 µm (N6)
Electrodes x=S	Stainless steel 1.4435	R <sub>a</sub> < 0.4 µm (N5, electropolished)
Electrodes x=H	Stainless steel 2.4602	R <sub>a</sub> < 0.4 µm (N5, electropolished)
Electrodes x=T	Titanium	R <sub>a</sub> < 0.4 µm (N5, electropolished)
Electrodes x=Pt	Platinum	R <sub>a</sub> < 0.4 µm (N5)
O-ring(s)	EPDM (Ø 11 mm)	FDA 21 CFR 177.2600 EU 1935/2004 USP <88> class VI (121 °C)
	EPDM (Ø 1.2 mm)	FDA 21 CFR 177.2600 EU 1935/2004 EN ISO 10993-5 USP <87> USP <88> class VI (121 °C)

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