

Material Specification

Declaration of Compliance with the Order EN 10204-2.1

Conducell 4UxF Sensors

Ref 237640, 237650, 237670, 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) $R_a < 0.5 \mu\text{m}$
	Stainless steel 1.4435 (for a-length >120 mm)	$R_a < 0.8 \mu\text{m}$ (N6)
Electrodes x=S	Stainless steel 1.4435	$R_a < 0.4 \mu\text{m}$ (N5, electropolished)
Electrodes x=H	Stainless steel 2.4602	$R_a < 0.4 \mu\text{m}$ (N5, electropolished)
Electrodes x=T	Titanium	$R_a < 0.4 \mu\text{m}$ (N5, electropolished)
Electrodes x=Pt	Platinum	$R_a < 0.4 \mu\text{m}$ (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)

Hamilton Bonaduz AG



Dr. Clara Caminada
Vice President Process Analytics



Peter Pianegonda
Quality Manager Process Analytics

Bonaduz, 2021 – 08-12

REF 695176/05

HAMILTON 

Web: www.hamiltoncompany.com
USA: 800-648-5950
Europe: +41-58-610-10-10

Hamilton Americas & Pacific Rim
4970 Energy Way
Reno, Nevada 89502 USA
Tel: +1-775-858-3000
Fax: +1-775-856-7259
sales@hamiltoncompany.com

Hamilton Europe, Asia & Africa
Via Crusch 8
CH-7402 Bonaduz, Switzerland
Tel: +41-58-610-10-10
contact.pa.ch@hamilton.ch