

MATERIAL SPECIFICATION

Declaration of Compliance according to EN 10204-2.1

Conducell 4UxF Sensor

REFs 237640, 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 EC 1935/2004, EC 10/2011 USP <88> class VI (121 °C) $R_a < 0.5 \mu\text{m}$
	Stainless steel 1.4435	$R_a < 0.8 \mu\text{m}$ (N6) (for α -length >120 mm)
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 EC 1935/2004 ISO 10993-5 USP <87> USP <88> class VI (121 °C)
	EPDM (Ø 1.2 mm)	

Hamilton Bonaduz AG

Dr. Philipp Arqint
Vice President Process Analytics

Dr. Frank Schramm
Team Leader Quality Assurance and
Regulatory Affairs Process Analytics

Bonaduz, 2025 - 06-25

REF 695176/06

HAMILTON

To find a representative in your area, please visit:
hamiltoncompany.com/contact

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