

## Mettler-Toledo GmbH

Process Analytics

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[www.mt.com/pro](http://www.mt.com/pro)

### InPro X1 HLS-N200-KXXX Material Specification EN 10204-2.1

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We hereby confirm that we have attained the Quality Assurance Certificate ISO 9001 and the Environmental Certificate ISO 14001 and that the said product fulfils the following material specification:

Certificate of compliance with the order EN 10204-2.1

Description of goods	InPro X1 ABC-Dxxx-Eyyy	A= Certifications ( <b>Hygienic, ATEX</b> ) B = Reference System C = Tip Design D = Redox ( <b>Yes/No</b> ) E = Cable connection xxx = Shaft Materials yyy = Rod length in mm
Specifications	<b>All medium wetted parts are compliant to the food contact regulatory requirements in Europe EU 1935/2004 Article 3 and 5.</b>	
Shaft	Made of Ketron® LSG FG PEEK natural comply with <ul style="list-style-type: none"><li>▪ USP Class VI &lt;88&gt; @ 121°C</li><li>▪ ISO 10993-4/-5/-10/-11</li><li>▪ FDA 21 CFR §177.2415</li><li>▪ (EG) No. 1935/2004</li><li>▪ (EU) No. 10/2011</li><li>▪ (EU) No. 2015/174</li></ul>	
Solution Ground	Titanium Gr 2 (3.7035), UNS 50400	
Sensitive element X-Chip	Lithium-silicate based pH-sensing material	

Electrolyte	Liquid electrolyte Friscoylt D®
Diaphragm	Nanoporous zirconia ceramic < 0.3 µm pore size
Adhesive	Masterbond® EP42HT-2FG complies with <ul style="list-style-type: none"> <li>▪ USP Class VI &lt;88&gt; @ 121°C</li> <li>▪ FDA 21 CFR §175.105</li> <li>▪ FDA 21 CFR §175.300</li> <li>▪ NSF/ANSI 51.4.1</li> </ul>
O-ring and flat gasket material	Made of 75 Fluoroprene® XP40 (O-ring) and XP41 (flat gasket) comply with <ul style="list-style-type: none"> <li>▪ USP Class VI &lt;88&gt; @ 121°C</li> <li>▪ FDA 21 CFR §177.2600</li> <li>▪ (EG) No. 1935/2004</li> <li>▪ (EG) No. 2023/2006</li> </ul>

**Mettler-Toledo GmbH, Process Analytics**

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