Knick >

Manufacturer's Declaration

Knick Elektronische Messgeräte GmbH & Co. KG Beuckestraße 22 14163 Berlin Germany

Document No.	TX250303B			
Subject	Manufacturer's declaration of conformity of the process-wetted componen of the automatic systems consisting of Protos, Unical, retractable fittings an pH sensors with the European Regulations			
	 (EC) No. 193 (EU) No. 10/ (EU) No. 202 with the German law LFGB § 31 	2011 23/2006 and		
Confirmation	Knick confirms that the process-wetted materials of the product components liste in Table 1 and shown in Figure 1 and their manufacture and processing meet th requirements of the following regulations and laws:			
	 Regulation (E) 		1	
	 27 October 20 Commission F on plastic mate Commission I manufacturing foodstuffs Food and Fee 	04 on materials and Regulation (EC) No 1 erials and articles int Regulation (EC) No practice for material d Code - LFGB, § 3 ²	articles intended to con 10/2011 of the Commiss tended to come into con o. 2023/2006 of 22 De Is and articles intended t 1 Transfer of substances nto contact with the process	sion of 14 January 20 stact with foodstuffs ecember 2006 on go to come into contact w is to foodstuffs
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	27 October 20 Commission F on plastic mate Commission I manufacturing foodstuffs Food and Fee Table 1: Components and Process-contacted Component	04 on materials and Regulation (EC) No 1 erials and articles int Regulation (EC) No practice for material d Code - LFGB, § 37 d materials that come in Subcomponent Sensor shaft pH-Membrane	10/2011 of the Commiss tended to come into con p. 2023/2006 of 22 De is and articles intended t 1 Transfer of substances nto contact with the process Process-contacted Material Glass Glass	sion of 14 January 20 tact with foodstuffs comber 2006 on go to come into contact w s to foodstuffs s. Raw Material SiO ₂ SiO ₂ und weitere Oxide
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	27 October 20 Commission F on plastic mate Commission I manufacturing foodstuffs Food and Fee Table 1: Components and Process-contacted Component Sensor Typ SE555X/2* Rectractable Fittungs WA130H* / WA131(M)H*	04 on materials and Regulation (EC) No 1 erials and articles int Regulation (EC) No practice for material d Code - LFGB, § 37 d materials that come in Subcomponent Sensor shaft pH-Membrane Diaphragm O-Ring	10/2011 of the Commission tended to come into come tended to come into contact with the process Process-contacted Material Glass Ceramic Synthetic rubbe	sion of 14 January 20 tact with foodstuffs ecember 2006 on go to come into contact w s to foodstuffs s. Raw Material SiO2 SiO2 und weitere Oxide ZrO2 EPDM
	27 October 20 Commission F on plastic mate Commission I manufacturing foodstuffs Food and Fee Table 1: Components and Process-contacted Component Sensor Typ SE555X/2* Rectractable Fittungs WA130H* / WA131(M)H*	04 on materials and Regulation (EC) No 1 erials and articles int Regulation (EC) No practice for material d Code - LFGB, § 37 d materials that come in Subcomponent Sensor shaft pH-Membrane Diaphragm O-Ring Prozess Adaption	10/2011 of the Commission tended to come into component of the come into component of the come into component of the component o	sion of 14 January 20 tact with foodstuffs cember 2006 on go to come into contact w s to foodstuffs s. Raw Material SiO ₂ SiO ₂ und weitere Oxide ZrO ₂ EPDM 1.4404, 1.4435

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Fig. 1: Example cross-sectional drawing of the lower section of the Sensogate WA130H*/WA131(M)H* series retractable fit tings with indication of the process-wetted O-rings (1-4).

Evaluation of the Sensor

a) Glass

The glass of the sensor does not contain lead (Pb, CAS 7439-92-1) ad no cadmium (Cd, CAS 7440-43-9).

b) Diaphragm

The Ceramic des Diaphragmas does not contain lead (Pb, CAS 7439-92-1) and no cadmium (Cd, CAS 7440-43-9).

Evaluation of the Retractable Fitting

a) Metal

The European Committee for Food Contact Material and Articles (CD-P-MCA), EDQM, 2nd Edition 2024, ISBN 978-92-871-9436-7, has evaluated stainless steel alloys with regard to health risks in contact with food. It does not identify any particular health risks, even for alloys containing nickel and chromium such as alloy 1.4435.

b) Gaskets

The process-wetted gaskets used meet the requirements of Regulation (EC) No. 1935/2004.

Knick Elektronische Messgeräte GmbH & Co. KG