

CERTIFICATE

(1) EU-Type Examination

(2) **Equipment or protective systems intended for use in potentially explosive atmospheres - Directive 2014/34/EU**

(3) EU-Type Examination Certificate Number: **KEMA 04ATEX4035X** Issue Number: **2**

(4) Product: **Retractable Fittings**
Product Family SensoGate Type
WA 13...-X or DR 13...-X or PA 13...-X

Product Family Ceramat Type
WA 15...-X or DR 15...-X or PA 15...-X
WA 16...-X or DR 16...-X or PA 16...-X

(5) Manufacturer: **Knick Elektronische Messgeräte GmbH & Co. KG**

(6) Address: **Beuckestraße 22, 14163 Berlin, Germany**

(7) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) DEKRA Certification B.V., Notified Body number 0344 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential test report number 221539900 Issue 0.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN ISO 80079-36:2016

EN ISO 80079-37:2016

(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

(12) The marking of the product shall include the following:



II 1 G Ex h IIC T6...T3 Ga
II 1 D Ex h IIIC T80 °C...T140 °C Da

Date of certification: 18 March 2020

DEKRA Certification B.V.

L.G. van Schie
Certification Manager



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(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate KEMA 04ATEX4035**

Issue No. 2

(15) **Description**

The Retractable Fittings provide, together with the applicable sensors, fully automated measurements of chemical properties of liquid media.

A Retractable Fitting consists of two separate units; a drive unit and a process unit, being non electrical equipment in type of protection constructional safety “c”.

A Retractable Fitting is controlled by an external, separately certified probe control unit and is provided with the necessary media like air, buffer- and cleaning solutions.

Type designation

SensoGate Types (WA 13...-X or DR 13...-X or PA 13...-X)

with multiplug for UniCal/UniClean:

WA130-X... / DR130-X... / PA130-X...

WA130H-X... / DR130H-X... / PA130H-X... (Hygienic version)

WA132-X... / DR132-X... / PA132-X... (Process wetted parts made from PTFE)

for the use with simple controllers:

WA131-X... / DR131-X... / PA131-X...

WA131H-X... / DR131H-X... / PA131H-X... (Hygienic version)

WA133-X... / DR133-X... / PA133-X... (Process wetted parts made from PTFE)

“...” stands for any number of alphanumeric characters encoding non-Ex-relevant order information like: Sensor type, Gasket material, Wetted materials, Process adaptations, Immersion depth, Pneumatic connection, Rinse media connection, SensoLock, Special variant

for manual operation:

WA131M-X... / DR131M-X... / PA131M-X...

WA131MH-X... / DR131MH-X... / PA131MH-X... (Hygienic version)

WA133M-X... / DR133M-X... / PA133M-X... (Process wetted parts made from PTFE)

“...” stands for any number of alphanumeric characters encoding non-Ex-relevant order information like: Gasket material, Wetted materials, Process adaptations, Immersion depth, Electric limit signal, Rinse media connection, Housing material, Special variant

Ceramat Types (WA 15...-X or DR 15...-X or PA 15...-X)

WA150-X... / PA150-X... / DR150-X...

WA153-X... / PA153-X... / DR153-X... (Full metal jacket)

WA154-X... / PA154-X... / DR154-X... (Full metal jacket long version)

WA155-X... / PA155-X... / DR155-X... (Heavy-duty)

WA156-X... / PA156-X... / DR156-X... (Heavy-duty long version)

“...” stands for any number of alphanumeric characters encoding non-Ex-relevant order information like: Sensor type, Gasket material, Sensor protection tube, Sensor socket, Scraper for sensor socket, Immersion depth, Wetted materials, Process adaptations, Probe guard, Special variant

Ceramat Types (WA 16...-X or DR 16...-X or PA 16...-X)

WA160-X... / PA160-X... / DR160-X... (Extra-long version)

“...” stands for any number of alphanumeric characters encoding non-Ex-relevant order information like: Sensor connection, Gasket material, Material of probe housing and sensor socket, Process adaptations, Immersion depth, Immersion tube material, Special variant

(13) **SCHEDULE**

(14) **to EU-Type Examination Certificate KEMA 04ATEX4035**

Issue No. 2

Thermal data

Ambient temperature range: -10 °C to +70 °C
The process temperature range is restricted and given in the instructions.

Maximum Surface Temperature:

The equipment is not self-heating, therefore the maximum surface temperature depends mainly on maximum process temperature and not on the equipment itself.
The relevant information is given in the instruction manual and the equipment is marked by using a range of temperature classes or a temperature range in order to inform the user.

Installation instructions

The instructions provided with the product shall be followed in detail to assure safe operation.

(16) **Report Number**

No. 221539900/00 Issue 0.

(17) **Specific conditions of use**

Metallic parts of the retractable fitting must be connected to the equipotential bonding system by means of the designated grounding connection and/or the metallic process connection.

Comply with the safety instructions to avoid mechanically generated sparks and electrostatic charging.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. 221539900 Issue 0.

(20) **Certificate history**

Issue 1 - 207146400 Initial certificate
Issue 2 - 221539900 Addition of Product Family Ceramat, assessed per updated standards.