

CERTIFICATE OF COMPLIANCE



EL Class I

Date of issue: 14 July 2025

Valid until: 31 December 2026

EHEDG hereby declares that the product

Refractometers PR-xx-AC with ESS or HSS sensor heads (xx may be 23 or 33) and PR-23-AP-yyy sensor heads (yyy may be CSS, TSS, RSS, ISS, SSS or HSS), AFC-HSS-H20-SI 2" flow cell in combination HSS sensor heads, all with EPDM gaskets

from

Vaisala Oyj, Vanha Nurmijärventie 21 , 01670 Vantaa, Finland

has/have been evaluated for compliance and meets/meet the current criteria for Hygienic Equipment Design of closed process applications of the EHEDG

Certificate No. EHEDG-C2500033

Signed  President EHEDG
Hein Timmerman

Signed  EHEDG Certification Officer
Karlijn Faber

EHEDG
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APPENDIX 3 EHEDG Certification – Equipment Evaluation Form

Design Evaluation Date: 24.03.2025

EHEDG File Number: EHEDG-R2500025

Certification Type: EL CLASS I

Applicant: Vaisala Oyj, Vanha Nurmiäventie 21, 01670 Vantaa. Finland

Equipment: Refractometers PR-xx-AC with ESS or HSS sensor heads (xx may be 23 or 33) and PR-23-AP-yyy sensor heads (yyy may be CSS, TSS, RSS, ISS, SSS or HSS), AFC-HSS-H20-SI 2" flow cell in combination HSS sensor heads, all with EPDM gaskets

Other essential identification:

- HSS sensor heads for clamp mounting in 2,5" clamp
- ESS and CSS sensor heads for Varinline® (DN65)
- TSS, RSS, ISS and SSS for 2,5" clamp for mounting in tank installation or similar
- AFC-HSS-H20-SI 2" flow cell and 90 degree elbow for HSS sensor heads

Evaluated by:

Name: Dr. Alan Friis

Date, Signature: 24.06.2025

Approved by:

Name: Kiichiro Saito

Date, Signature: 04.07.2025



The use of the EHEDG Certification logo is justified based on the results of the design evaluation, inspection, and testing (as applicable) of the equipment for compliance with the current EHEDG Hygienic Design Criteria (HDC):

Criteria	Certification for use in Closed Processes
<input type="checkbox"/>	The equipment complies with all applicable HDC in the Guidelines.
<input checked="" type="checkbox"/>	Evidence for compliance required and provided by in-place cleanability test method according to EHEDG Doc. 2.
<input type="checkbox"/>	Evidence for compliance required and provided by in-place cleanability test method according to EHEDG Doc. 2, in-place sterilisability test method according to EHEDG Doc. 5, and bacteria tightness test according to EHEDG Doc. 7 for EL ASEPTIC Certification.
Criteria	Certification for use in Open Processes
<input type="checkbox"/>	The equipment complies with all applicable HDC in the Guidelines.
<input type="checkbox"/>	Evidence for compliance required and provided by OPC cleanability test method according to EHEDG Doc. 57.

APPENDIX 3

No.	Description
1.	EHEDG Certificate of Compliance
2.	Contract to use the EHEDG certification logo
3.	Appendix 1: Equipment intended for cleaning in place with liquids without dismantling
4.	Appendix 2: Conditions for use of the EHEDG certification logo
5.	Appendix 3: Equipment evaluation form
6.	EHEDG Hygienic Design Criteria Evaluation Report FORCE HDC DR 2025 125-25661
7.	Original drawings 1262 Q.1 (2 pages), 1314 J.1, 1353 C.2, 2593 C, 702 H, 703 E, 1092 D, 1219 B.2, MTG-265/F, MTG-266/E.1, MTG430/B, MTG441/D
8.	Test report DTU CHD 2014 8037-033-1
9.	Cleaning requirement and installation from manual (extract)
10.	Example of the EHEDG Certification Logo Type EL Class I