

Issued by	NMi Certin B.V.
Relevant document	The "Metrologiewet" (Stb. 2006, 137) and the "Regeling nationaal autonoom geregelde meetinstrumenten"
Producer	Endress+Hauser SE+Co. KG Hauptstrasse 1 79689 Maulburg Germany
Part	A calculating and indicating device intended for use as part of a liquid automatic level gauge Type: Tankvision Professional NXA85
Result	<p>The technical design of the calculating and indicating device has been evaluated by carrying out examinations and tests in accordance with the relevant documents as mentioned on the following pages. As a result, it has been concluded that the part of the measuring instrument meets the applicable essential requirements of the "Metrologiewet" (Stb. 2006, 137). The examination has resulted in Test Certificate number TC8732 revision 1.</p> <p>The executed evaluations, reference documents and reports used during the examination are described on the following pages.</p>

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Team Leader

1 Examinations according to the Directive

The calculating and indicating device is examined in accordance with the "Metrologiewet" listed in this Evaluation Report, page 1.

The following harmonized standards, normative documents and / or recommendations are applied:

- OIML R85-1&2:2008 "Automatic level gauges for measuring the level of liquid in stationary storage tanks"
- WELMEC 7.2, Issue 5 "Software Guide"
- WELMEC 8.8, 2017 "Guide on the General and Administrative Aspects of the Voluntary System of Modular Evaluation of Measuring instruments"

2 Test Report(s)

The conformity was established by the results of tests and examinations provided in the associated Test Report(s):

Test	Part / Type	Test Report	Remarks
Complete evaluation	Tankvision Professional NXA85	NMi-15200301-05 NMi-15200301-06	-

3 Additional Evaluations

This Evaluation Report is supplemented by the following additional evaluations:

Test	Part / Type	Test Report / Document	Remarks
Software evaluation	Software version 18.3.1	NMi-2568528-01	Evaluation of software changes according to the requirements of WELMEC 7.2, Issue 5

4 Cross reference

Requirements of the "Metrologiewet", which are not covered by the applied harmonized standards and / or normative documents, as indicated in the below mentioned table, are covered by the following:

Test	Test Report	Remarks
Other influence quantities to be considered, where appropriate, are: - mains frequency variation - power frequency magnetic fields	-	The stated influence quantities are judged to have no significant influence on the accuracy of calculating and indicating device. Therefore, no additional tests have been performed.
Software identification shall be easily provided by the measuring instrument.	-	See chapters 1.2 of the description of Test Certificate TC8732.

5 Revision History

Project no.	Rev.	Date	Test report / Document	Description / Remarks
2568528	1	15 November 2021	NMi-2568528-01	First Issue ¹ .

[1] Revisions 0 is not issued. This first issue is numbered revision 1 in order to keep the numbering synchronised with the numbering of the revisions of Test Certificate TC8732.