

OIML Member State
The Netherlands

Number R85/2008-NL1-17.03 revision 2
Project number 1901159
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Issuing authority Person responsible: NMi Certin B.V.
C. Oosterman

Applicant and Manufacturer: Endress+Hauser GmbH + Co. KG
Hauptstrasse 1
79689 Maulburg
Germany

Identification of the certified type: An **automatic level gauge**
Type: NMR8x

Characteristics: See page 2 and further


This Certificate attests the conformity of the above identified type (represented by the sample(s) identified in the OIML Type Evaluation Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

R 85-1 & 2 (2008) "Automatic level gauges for measuring the level of liquid in stationary storage tanks"

This Certificate relates only to the metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML International Recommendation identified above. This Certificate does not bestow any form of legal international approval.

Important note: Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate was issued, partial quotation of the Certificate and of the associated OIML Type Evaluation Report(s) is not permitted, although either may be reproduced in full.

Issuing Authority: **NMi Certin B.V., OIML Issuing Authority NL1**
28 August 2017


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

- No. NMI-16200591-01 dated 19 December 2016 that includes 53 pages.

Characteristics of the measuring instrument

In Table 1 the general characteristics of the measuring instrument are presented.
The construction of the measuring instrument is recorded in the Documentation folder no. TC8910-1.

Table 1 General characteristics

Measuring range	See table 2
Ambient temperature range	-25 – +55 °C; condensing humidity
Power supply voltage	100 - 240Vac (-15% / +10%) @ 50/60Hz
Software identification	Version number: 01.02.00 with checksum: 0x51D2. Version number: 01.02.01 with checksum: 0xD919.

The complete family of measuring instruments (which are of similar construction) have the following characteristics indicated in table 2.

Table 2 General characteristics of the family of instruments

Antenna type	Maximum measuring range
Type NMR84 size DN100	20 meter
Type NMR84 size > DN100	30 meter
Type NMR81	30 meter

Certificate history:

This revision replaces the previous revision.

Revision	Date	Description of the modification
Initial	24 April 2017	-
01	21 July 2017	New software version because of bug fixing.
02	28 August 2017	Typing error in date of issuing and certificate history