

OIML Member State
The Netherlands

Number R85/2008-B-NL1-19.05
Project number 2406088
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Issuing authority
Person responsible: NMi Certin B.V.
C. Oosterman

Applicant and
Manufacturer Endress+Hauser SE+Co. KG
Hauptstrasse 1
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Germany

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

Characteristics See page 2 and further

This OIML Certificate is issued under scheme B

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.

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Issuing Authority

NMi Certin B.V., OIML Issuing Authority NL1
19 August 2019


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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. T8910-2.

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 Version number: 01.03.03 with checksum: 0x72A3 Version number: 01.03.04 with checksum: 0xA032

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

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