

OIML Member State
The Netherlands

Number R85/2008-NL1-17.06
Project number 1901414
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Issuing authority NMI Certin B.V.
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An **automatic level gauge for measuring the level of liquid in stationary storage tanks**

Type : Smartradar Flexline XP and Smartradar Flexline HP, with the antennas F06, F08, W06, H04, S06, S08, S10 and S12, and with a field interface type CIU888 connected.

Characteristics See next page

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

OIML R85 - Edition 2008

This Certificate relates only to the metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML International Recommendation above-identified. 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**
18 September 2017



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OIML Certificate of Conformity

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

- R85-2008-NL1-12.04 dated 10 December 2013 that includes 49 pages;
- NMI-13200623 dated 15 October 2013 that includes 14 pages;
- NMI-14200441-1 dated 12 February 2015 that includes 31 pages;
- NMI-14200441-2 dated 15 January 2015 that includes 13 pages;
- NMI-1900750-02 dated 24 March 2017 that includes 26 pages;
- NMI-1901414-01 dated 12 September 2017 that includes 21 pages.

Characteristics of the automatic level gauge for measuring the level of liquid in stationary storage tanks

Measuring ranges:

Antenna type	Minimum product level	Maximum product level	Minimum and maximum values for liquid pressure, for liquid temperature and for liquid properties.	Minimum and maximum values for vapour pressure, for vapour temperature and for vapour properties.
F06, F08, W06	20 m below the antenna	1 m below the antenna	The manufacturer shall specify these values for each application.	The manufacturer shall specify these values for each application.
H04, S06, S08, S10, S12	21 m below the antenna	1 m below the antenna	The manufacturer shall specify these values for each application.	The manufacturer shall specify these values for each application.

See the doc folder TC7314 for drawings of the antenna's.