



# OIML Certificate of Conformity

**OIML Member State**  
The Netherlands

Number R85/2008-NL1-17.05  
Project number 1900582  
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Issuing authority	NMi Certin B.V. Person responsible: C. Oosterman
Applicant and Manufacturer	Enraf B.V. Delftechpark 39 2628 XJ Delft The Netherlands
Identification of the certified type	An <b>automatic level gauge for measuring the level of liquid in stationary storage tanks</b> Type : Smartradar Flexline XP and Smartradar Flexline HP, with the antennas F06, F08, W06, H04, S06, S08, S10 and S12, and with indicating device SmartView, and / or indicating device HARTSmartView.
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.

*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 Test Report(s) is not permitted, although either may be reproduced in full.

Issuing Authority **NMi Certin B.V., OIML Issuing Authority NL1**  
16 June 2017

  
C. Oosterman  
Head Certification Board

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The notification of NMi Certin B.V. as Issuing Authority can be verified at [www.oiml.org](http://www.oiml.org)





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

- R85/1998-NL1-07.02 that includes 100 pages;
- CPC/9200376 that includes 20 pages;
- NMI-10200994 that includes 15 pages;
- NMI-12200691 that includes 13 pages;
- NMI-13200623 that includes 14 pages;
- NMI-14200253-1 that includes 21 pages;
- NMI-16200400-01 that includes 21 pages;
- NMI-16200400-02 that includes 21 pages;
- R85-2008-NL1-12.04 dated 10 December 2012 that includes 49 pages;
- NMI-13200623 dated 15 October 2013 that includes 14 pages;
- NMI-1900750-02 dated 24 March 2017 that includes 26 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 TC7314-8 for drawings of the antenna's.  
See the doc folders TC7314-8 and TC7315-3 for other information.