

OIML Member State
The Netherlands

Number R85/2008-A-NL1-23.01 revision 1
Project number 3978653
Page 1 of 3

Issuing authority

NMi Certin B.V.
Person responsible: M.Ph.D. Schmidt

Applicant and
Manufacturer

Cognesense
5911 Butterfield Road
Hillside, Illinois 60162
United States of America

Identification of the
certified type

An **automatic level gauge** (radar principle) with or without an indicating
device
Type: EVO1610

Characteristics

See page 2

This OIML Certificate is issued under scheme A.

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
17 March 2026

Certification Board

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OIML Member State
The Netherlands

Number R85/2008-A-NL1-23.01 revision 1
Project number 3978653
Page 2 of 3

The conformity was established by the results of tests and examinations provided in the associated reports:

- No. NMI-2475465-01 dated 13 January 2023 that includes 35 pages;
- No. NMI-3978653-01 dated 17 March 2026 that includes 31 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. TC12449-2.

This automatic level gauge was previously placed on the market under the name "L&J Technologies".

Table 1 General characteristics

Maximum measuring range	21 metre		
Ambient temperature range	-40 – +70 °C; condensing humidity; (when using the Fieldbus Foundation protocol) -25 – +70 °C; condensing humidity (when using the RS485 serial communication and/or the local display)		
Power supply voltage	DC mains : 9 ... 32 V; (when using the field termination board) 24 ... 48 V (when using the conduit interface board)		
Software identification	Software version	Checksum	Remarks
	661610J1.0	b69FEEF06 r69FEEF06	"b" build-time, "r" run-time
	664200D1.2	b0x6083B758 r0x6083B758	

When the automatic level gauge has no local display, software version and belonging checksum is shown on the marking plate.

When the automatic level gauge has a local indicating device, it displays the software version and 32-bit checksum automatically during each power cycle. Both the version and checksum are presented on the main display at start-up.



OIML Certificate

OIML Member State
The Netherlands

Number R85/2008-A-NL1-23.01 revision 1
Project number 3978653
Page 3 of 3

Certificate history:

This revision replaces the previous version.

Revision	Date	Description of the modification
0	13 January 2023	Initial issue
1	17 March 2026	Addition of the new EVO1610 hardware and software. Applicant and Manufacturer name changed.