

# Czech Metrology Institute



Member state  
**Czech Republic**

OIML Certificate No.  
**R85/2008-CZ-12.01**

## OIML CERTIFICATE OF CONFORMITY

### Issuing Authority

Name: Czech Metrology Institute  
Address: Okružní 31,  
638 00 Brno, CZ  
Person responsible: Jan Kalandra

### Applicant

Name: Hectronic GmbH  
Address: Allmendstrasse 15  
D-79848 Bonndorf  
Germany

### Manufacturer of the certified type

Name: Hectronic GmbH  
Address: Allmendstrasse 15  
D-79848 Bonndorf  
Germany

### Identification of the certified type

#### Automatic level gauge

**Type: OptiLevel HLS 6010 (probe) / OptiLevel Supply (console / I.S. barrier)**

Further characteristics see page 2

This certificate attests the conformity of above identified type (represented by the sample or samples identified in the associated test report) with the requirements of the following Recommendation(s) of the International Organization of Legal Metrology (OIML):

**R 85, edition 2008**

This certificate relates only to the metrological and technical characteristics of the type of instrument covered by the relevant OIML Recommendation(s) identified above.

This certificate does not bestow any form of legal international approval.

The conformity was established by the results of tests and examinations provided in the associated Test report: No. 6015-PT-P3015-12 that includes 29 pages.

**Characteristics:**

<b>Probes</b>	Type	HLS 6010
	Measuring principle	Capacitive
	Probe's body material	High-grade steel PIN 1.43.01V2A, Teflon
	Length	up to 3500 mm
	Accuracy	better than $\pm 1$ mm
	Temperature	- 25 °C to + 55 °C
	Power supply	12 VDC, 50 mA
<b>Console</b>	Type	Supply
	Resolution	0,1 mm
	Temperature	5 °C to 40 °C
	Software	-
	Power supply	(100 – 240) VAC; (50 – 60) Hz

**Measuring system description:**

The level sensor HLS 6010 consists of shielded shaft that is in contact with measured medium and electronics at top of the shaft.

Normal cabinet dimensions of Supply: height 230 mm; width 300 mm; depth 85 mm.

The connection to the OptiLevel supply peripheral device is achieved by means of a Hectronic three-wire interface and permits cable lengths between the probe and the EX barrier of up to 250 m. The cable length for the serial connection between the supply and the evaluation device may not exceed 25 m.

  
**The Issuing Authority**  
Jan Kalandra



  
**The CIML Member**  
Pavel Klenovský

30 March 2012

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Important note: Apart from the mention of the certificate's reference number and the name of the OIML Member State in which the certificate is issued, partial quotation of the certificate and the associated test report is not permitted although either may be reproduced in full.