

# Czech Metrology Institute



Member state  
**Czech Republic**

OIML Certificate No.  
**R85/2008-CZ-13.06**

## OIML CERTIFICATE OF CONFORMITY

### Issuing Authority

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

### Applicant

Name: Franklin Fueling Systems  
Address: 3760 Marsh Rd.  
Madison, WI 53718  
USA

### Manufacturer of the certified type

Name: Franklin Fueling Systems / Intelligent Controls Inc. (INCON)  
Address: 34 Spring Hill Rd.  
Saco, ME 04072  
USA

### Identification of the certified type

#### Magnetostrictive level gauge

**TSP-LL2-XXX / TSP-LL2-XXX-I probes, TS-5XXX series console unit (models TS-5, TS-550/550evo, TS-5000/5000evo; expansion boxes TS-EXPC, TS-EXPC2)**

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-P3015-13 that have 29 pages.

**Characteristics:**

<b>Probes</b>	Type	TSP-LL2-XXX; TSP-LL2-XXX-I
	Measuring principle	Magnetostrictive
	Probe's body material	Stainless steel
	Floats	NBR, PVDF, nickel plated brass
	Length	up to 4000 mm
	Accuracy	better than $\pm 1$ mm
	Temperature *)	- 40 °C to + 55 °C
<b>Consoles</b>	Type	TS-5, TS-550/550evo, TS-5000/5000evo
	Display resolution	1 mm / 0,1 inch
	Temperature *)	5 °C to 40 °C
<b>Expansion box</b>	Type	TS-EXPC, TS-EXPC2
	Temperature *)	5 °C to 40 °C

\*) – Temperature range indicated according to OIML R 85-1&2 clause 6.1 and may differ from manufacturer's specification.

**Measuring system description:**

The measuring system consists of magnetostrictive level probe(s) TSP-LL2-XXX and/or TSP-LL2-XXX-I with floats suitable for given application and one console unit TS-5 or TS-550/550evo or TS-5000/5000evo. When console unit TS-550/550evo or TS-5000/5000evo is used then the system can contain one expansion box TS-EXPC or TS-EXPC2.



**The Issuing Authority**  
Jan Kalandra



**The OIML Member**  
Pavel Klenovský

31 October 2013

31 October 2013

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