

# Czech Metrology Institute



Member state  
**Czech Republic**

OIML Certificate No.  
**R85/2008-CZ-12.06**

## OIML CERTIFICATE OF CONFORMITY

### Issuing Authority

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

### Applicant

Name: OPW Fuel Management Systems  
Address: 6900 Santa Fe Drive  
Hodgkins; IL60525  
U.S.A.

### Manufacturer of the certified type

Name: OPW Fuel Management Systems  
Address: 6900 Santa Fe Drive  
Hodgkins; IL60525  
U.S.A.

### Identification of the certified type

#### Magnetostrictive level gauge

**Type: SiteSentinel iSite (controller) / VSmart (probe sensor controller) / 924B (probe);  
SiteSentinel iSite (controller) / VSmart (probe sensor controller) / 7100V (probe)**

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-P3004-12 that includes 33 pages.

**Characteristics:**

<b>Probes</b>	Type	924B
	Measuring principle	Magnetostrictive
	Probe's body material	Stainless steel
	Floats	Nitrophenyl or stainless steel
	Length	up to 3960 mm
	Accuracy	better than $\pm 1$ mm
	Temperature	- 40 °C to + 70 °C
	Type	7100V series
	Measuring principle	Magnetostrictive
	Probe's body material	PVDF
	Floats	Nitrophenyl or stainless steel
	Length	up to 21340 mm
	Accuracy	better than $\pm 1$ mm
	Temperature	- 40 °C to + 70 °C
<b>Controller</b>	Type	SiteSentinel iSite
	Resolution	0,01 mm
	Temperature	+ 5 °C to 40 °C
	Software	-
<b>Probe sensor controller</b>	Type	V Smart
	Temperature	- 40 °C to 70 °C


**Measuring system description:**

The level sensor 924B is done by a shaft in stainless steel and nickel coated brass cap with nitrophenyl or stainless steel floats. Body of the probe must not be electrically grounded.


The level sensor 7100V is done by a flexible shaft in PVDF with nitrophenyl or stainless steel floats.

Normal cabinet dimensions of SiteSentinel iSite: height 300 mm; width 370 mm; depth 180 mm.

Normal cabinet dimensions of V Smart: height 142 mm; width 287 mm; depth 147 mm.

  
**The Issuing Authority**  
Jan Kalandra



  
**The CIML Member**  
Pavel Klenovský

16 October 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.