

Czech Metrology Institute



Member state
Czech Republic

OIML Certificate No.
R85/2008-CZ-12.05

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
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Identification of the certified type

Magnetostrictive level gauge

Type: **SiteSentinel Integra (controller) / 924B (probe);
SiteSentinel Integra (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-P3024-12 that includes 34 pages.

Characteristics:

Probes	Type	924B
	Measuring principle	Magnetostrictive
	Probe's body material	Stainless steel
	Floats	Nitrophyl or stainless steel
	Length	up to 3960 mm
	Accuracy	better than ± 1 mm
	Temperature	- 40 °C to + 70 °C
	Type	7100V series
	Measuring principle	Magnetostrictive
	Probe's body material	PVDF
	Floats	Nitrophyl or stainless steel
	Length	up to 21340 mm
	Accuracy	better than ± 1 mm
	Temperature	- 40 °C to + 70 °C
Controller	Type	SiteSentinel Integra
	Resolution	0,01 mm
	Temperature	+ 5 °C to 40 °C
	Software	-
Probe sensor controller	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 nitrophyl 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 nitrophyl or stainless steel floats.

Normal cabinet dimensions of SiteSentinel Integra: height 300 mm; width 370 mm; depth 100 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.