



Member state
Czech Republic

OIML Certificate No.
R85/2008-CZ-14.04
Revision 1

OIML BASIC 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: **924B (probe) / SiteSentinel Nano (console);**
XMT-SI-485 or XMT (probe) / SiteSentinel Nano (console)

Further characteristics see page 2

This certificate attests the conformity of above identified type (represented by the sample (s) identified in the OIML Basic Type Evaluation Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

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-P3016-14 that includes 30 pages, Test report: No. 6015-PT-P3003-14 that includes 29 pages and Test report: No. 6015-PT-P3004-14 that includes 29 pages.

Characteristics:

Probes	Type	924B
	Measuring principle	Magnetostrictive
	Probe's body material	Stainless steel
	Floats	Nitrophyl or stainless steel
	Length	up to 6000 mm
	Accuracy	better than ± 1 mm
	Temperature	- 40 °C to + 70 °C
	Type	XMT-SI-485 or XMT
	Measuring principle	Magnetostrictive
	Probe's body material	Stainless steel
	Floats	Stainless steel or expanded PVC or NBR
	Length	up to 7000 mm
	Accuracy	better than ± 1 mm
	Temperature	- 25 °C to + 55 °C
Console	Type	SiteSentinel Nano
	Display resolution	0,1 mm
	Temperature	+ 5 °C to 40 °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 XMT-SI-485 is done by a shaft in stainless steel, by a head in stainless steel IP68 with composite material caps, a circular connection M12 or 7/8" and fuel resistant cable, floats in Stainless Steel or in special expanded closed cell PVC or NBR

The level sensor XMT is done by a shaft in stainless steel, by a head in die cast Alluminium IP67, a a cable gland and a fuel resistant cable, a sliding tank connection and floats in Stainless Steel or in special expanded closed cell PVC or NBR

Normal cabinet dimensions of SiteSentinel Nano: height 180 mm; width 300 mm; depth 65 mm with 178 mm touch screen display.



The OIML Issuing Authority
Pavel Klenovský

19 December 2016

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