

Nederlands Meetinstituut

**OIML Member state**  
The Netherlands

**OIML Certificate N° R117/1995-NL1-05.06**

Project number 508477

Page 1 of 4

## OIML CERTIFICATE OF CONFORMITY

### Issuing authority

Name: NMi Certin B.V.  
Address: Hugo de Grootplein 1,  
3314 EG Dordrecht  
The Netherlands  
Person responsible: Ing. C. Oosterman

### Applicant

Name: Dresser Wayne Pignone  
DEG Italia SpA  
Address: Via Roma 32  
IT 23018 Talamona (SO)  
Italy

### Manufacturer of the certified type

Name:	Dresser Wayne Pignone Ltd.	Dresser Wayne Pignone DEG Italia SpA	Dresser Wayne Pignone Dresser Indústria e Comércio
			Divisão Wayne
Address:	Via Roma 32 IT 23018 Talamona (SO) Italy	Limhamnsvägen 109 Box 300 49 200 61 Malmö Sweden	Estrada do Timbó, 126 Higienópolis Rio de Janeiro - RJ Brazil

### Identification of certified type

Type : DPX-X

Fuel dispensers for Motor Vehicles, model "DPX-X" with a  $Q_{max}$  of 40, 70, 90, or 130 L/min.  
In case of blending the  $Q_{max}$  is 40 L/min.

Further characteristics see page 3 and 4.

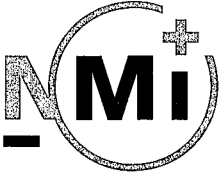
**NMi Certin B.V.**  
Hugo de Grootplein 1, 3314 EG Dordrecht  
P.O. Box 394, 3300 AJ Dordrecht, NL  
phone +31 78 6332332  
fax +31 78 6332309  
certin@nmi.nl  
www.nmi.nl

Parties concerned can lodge objection against this decision, within six weeks after the date of submission, to the general manager of NMI B.V. (see "Regulation objection and appeal against decisions of NMI B.V.")

NMi Certin B.V., chamber o.c. nr. 27.233.418

This document is issued under the provision that no responsibility is accepted and that the applicant gives warranty for each responsibility against third parties.

The notification of NMI Certin as Issuing Authority can be verified at [www.oiml.org](http://www.oiml.org).



Nederlands Meetinstituut

**OIML Member state**  
The Netherlands

**OIML Certificate N° R117/1995-NL1-05.06**

Project number 508477

Page 2 of 4

This Certificate attests the conformity of the above identified type with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

**R117**

Edition 1995  
for accuracy class (0,5).

**R118**

Edition 1995

This Certificate relates only to the metrological and technical characteristics of the type of instrument covered by the relevant OIML Recommendation 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 references of the Swedish National Testing and Research Institute, SP:

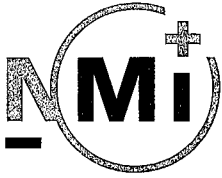
- N°: MTvF204493 (Pattern evaluation report and check list)
- N°: 98V21416 D , Type designation SU 922-22 and SU 945-45 (MMQ-, Cold-, Endurance- and shortened Accuracy tests);
- N°: 99V21784 Type designation SU 734-32 40/40-60 (Accuracy-, MMQ-, Cold-, and Gas separator tests, as well as Flow interruption);
- N°: 99V21790 Type designation SU 511-21 130 (Shortened Accuracy- and MMQ test as well as Flow interruption);
- N°: MTvP103575A Type designation Global Century Single 100 (Accuracy- and Gas separator tests);
- N°: MVvF018718 Type designation SU 933-33 (Accuracy-, Endurance-, shortened Accuracy-, MMQ- and Cold tests as well as Flow interruption);
- N°: KMp I-1003 (Hoses);
- N°: MVvF014459 A (Simulated tests on the Calculating/Indicating device);
- N°: MTvP302760 A (Simulated tests on the Calculating/Indicating device);
- N°: MVvF014459 D (Simulated tests on the Calculating/Indicating device);
- N°: MTvP302760 B (Simulated tests on the Calculating/Indicating device);

The Issuing Authority  
Ing. C. Oosterman  
Manager Product Certification

1 November 2005

\*  
\* \*

**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 of the associated Test Report is not permitted, though they may be reproduced in full.



Characteristics: Fuel dispensers for Motor Vehicles, model "DPX-X" :

with one "CPU" Gas Elimination Device and one Dresser Wayne AB Measurement Transducer:

Maximum flowrate L/min	Minimum flowrate L/min	Accuracy class	Minimum measured quantity L	Liquid	Maximum volume indication L	Maximum unit price EURO/L	Maximum price to pay EURO/L
70	4	0.5	2	gasoline/ gasoil	999.99	9.999	9999.99

with one "CPU" Gas Elimination Device and one Dresser Wayne AB Measurement Transducer:

Maximum flowrate L/min	Minimum flowrate L/min	Accuracy class	Minimum measured quantity L	Liquid	Maximum volume indication L	Maximum unit price EURO/L	Maximum price to pay EURO/L
40*	4	0.5	2	gasoline/ gasoil	999.99	9.999	9999.99

\* The gas separator of this measuring system is suitable for use with two measurement transducers

with two "CPU" Gas Elimination Devices and two Dresser Wayne AB Measurement Transducers:

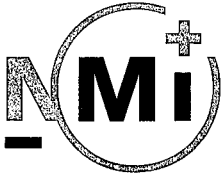
Maximum flowrate L/min	Minimum flowrate L/min	Accuracy class	Minimum measured quantity L	Liquid	Maximum volume indication L	Maximum unit price EURO/L	Maximum price to pay EURO/L
130**	13	0.5	2	gasoil	999.99	9.999	9999.99

\*\* A Qmax of 90 L/min can be reached by connecting two measurement transducers in parallel with delivery via one hose with nozzle. This configuration does not allow a delivery from two nozzles simultaneously at 130 L/min (except when the remote pump is used).

with one "CPU" Gas Elimination Device and two Dresser Wayne AB Measurement Transducers:

Maximum flowrate L/min	Minimum flowrate L/min	Accuracy class	Minimum measured quantity L	Liquid	Maximum volume indication L	Maximum unit price EURO/L	Maximum price to pay EURO/L
90***	4	0.5	2	gasoil	999.99	9.999	9999.99

\*\*\* A Qmax of 90 L/min can also be reached by connecting two gas separators and two measurement transducers in parallel with delivery via one hose with nozzle. This configuration allows a delivery from two nozzles simultaneously at 90 L/min.



with three "CPU" Gas Elimination Devices and four Dresser Wayne AB Measurement Transducers:

Maximum flowrate L/min	Minimum flowrate L/min	Accuracy class	Minimum measured quantity L	Liquid	Maximum volume indication L	Maximum unit price EURO/L	Maximum price to pay EURO/L
130****	13	0.5	2	gasoil	999.99	9.999	9999.99

\*\*\*\* This configuration allows a delivery from two nozzles at 130 L/min simultaneously.

with one "CPU" Gas Elimination Device and one Dresser Wayne AB Measurement Transducer:

Maximum flowrate L/min	Minimum flowrate L/min	Accuracy class	Minimum measured quantity L	Liquid	Maximum volume indication L	Maximum unit price EURO/L	Maximum price to pay EURO/L
40	4	0.5	2	blend	999.99	9.999	9999.99

Comprising of: one or more measuring systems in the same housing.

Each measuring system consists of:

- One Dresser Wayne AB, CPU (Compact Pumping Unit) combined pump and gas eliminator device;
- One Dresser Wayne AB, measurement transducer;
- One Dresser Wayne AB, iGEM calculating/indicating device.

One CPU combined pump and gas eliminator can be connected with two measurement transducers, each measuring transducer is considered as a part of a measuring system.

When more than one measuring system in one housing the iGEM calculating/indicating device may be a common part of the measuring systems.

A  $Q_{max}$  of 130 L/min can be reached by connecting two gas separators and two measurement transducers in parallel with delivery via one hose with nozzle.

For multi-product dispensers it is only possible to deliver one product at the same time on one side of the dispenser.