

OIML Member State
The Netherlands

Number R117/2007-A-NL1-22.12 revision 0
Project number 3301801
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Issuing authority NMi Certin B.V.
Person responsible: M.Ph.D. Schmidt

Manufacturer Petrotec
Parque Industrial de Guimarães
Pav. C2 S.João de Ponte
4805-661 Guimarães
Portugal

Identification of the certified type A **measurement transducer** intended to be used as a part of a fuel dispenser for fuel/Aqueous liquids (AdBlue/Windshield liquids)
Manufacturers mark: Petrotec
Type: STT

Characteristics See following page(s)

This OIML Certificate is issued under scheme A.

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

R 117-1: 2007 "Dynamic measuring systems for liquids other than water"

Accuracy class 0.5

This Certificate relates only to the metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML International Recommendation identified above. This Certificate does not bestow any form of legal international approval.

Issuing Authority **NMi Certin B.V., OIML Issuing Authority NL1**
8 December 2022

Certification Board

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The conformity was established by the results of tests and examinations provided in the associated report(s):

- NMI-2379908-01 dated 23 December 2019 that includes 27 pages.

Characteristics of the measuring instrument

In Table 1 the general characteristics of the measuring instrument are presented.

The construction of the measuring instrument is recorded in the Documentation folder no. T11781 -1.

Table 1 General characteristics

Minimum – maximum flow rate	1 ... 40 L/min
Minimum measured quantity	1 L
Maximum pressure	4,5 bar(g)
Environmental classes	M2 / E2 / H#
Ambient temperature range	-25 ... +55 °C; condensing humidity
Product temperature range	-10 ... +50 °C
Intended for the measurement of	Aqueous liquids (e.g. AdBlue, windshield liquid) oils with a viscosity of max. 8 mPa·s and density of 900 to 1100 kg/m ³
Power supply voltage	Min 5 – Max 12 VDC
Pulse output	Double channel, 90° phase shift with 100 p/L.

Production location

The measurement transducer intended to be used as a part of a fuel dispenser for fuel/Aqueous liquids (AdBlue/Windshield liquids) is produced at one of the following production locations:

- Petrotec - Parque Industrial de Guimarães, Pav. C2 S.João de Ponte, 4805-661 Guimarães, Portugal.
- Petrotec Retail Petroleum [India] Pvt Ltd, E-109/110, GIDC Electronic Estate, Sector 26, Gandhinagar, Gujarat 382027, India.

Certificate history:

This revision replaces the previous version.

Revision	Date	Description of the modification
0	8 December 2022	Initial