

OIML Member State
The Netherlands

Number R117/2007-NL1-17.03
Project number 16200566
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Issuing authority
Person responsible: NMi Certin B.V.
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Applicant and
Manufacturer Bopp & Reuther Messtechnik GmbH
Am neuen Rheinhafen 4
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Identification of the
certified type **A density sensor**
Type: DIMF 1.3 PV

Characteristics See page 2 and further

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 0,3 / 0,5 / 1,0

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.

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Issuing Authority **NMi Certin B.V., OIML Issuing Authority NL1**
7 June 2017


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OIML Certificate of Conformity

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

- NMI-16200566-01 dated 6 June 2017 that includes 15 pages;
- NMI-16200609-01 dated 18 May 2017 that includes 164 pages.

Table 1 General characteristics of the density sensor

Type	: DIMF 1.3 PV
Density range	: 400 ... 1500 kg/m ³ .
Viscosity range	: 0,1 ... 35 mPa·s
Maximum flow rate	: 10 L/min
Maximum pressure	: 100 bar(g)
Temperature range ambient	: - 10...+55 °C
Product temperature range [°C]	: - 10...+60 °C
Accuracy Class	: 0.3; 0.5 and 1.0
Environment class	: M1 / E2
Intended for the measurement of	: Liquids and under pressure liquefied gases