

OIML Member State
The Netherlands

Number R 117/2019-A-NL1-20.01
Project number 2446194
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Issuing authority
Person responsible: NMi Certin B.V.
M. Boudewijns

Applicant and
Manufacturer Graco
1201 Lund Blvd, Anoka, MN 55303, United States of America

Identification of the
certified type A **meter** including a calculating/indicating device and a transfer point
Type: Pulse Pro

Characteristics See page 2 and further

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 117:2019 "Dynamic measuring systems for liquids other than water"

Accuracy class $\pm 0,5$

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.

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Issuing Authority

NMi Certin B.V., OIML Issuing Authority NL1
21 July 2020

Certification Board

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

- NMI-2446194-01 dated 9 June 2020 that includes 72 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 number NMI-2446194-01-1 and consists of 27 pages.

Table 1 General characteristics

Minimum – maximum flow rate	2 – 10 L/min; uni-directional
Minimum measured quantity	2 L
Maximum pressure	103,4 bar(g) (1500 PSI)
Maximum volume indication	9999 L
Scale interval	0,001 L for Volume < 2 L 0,01 L for 2 L < Volume < 100 L 0,1 L for 100 L < Volume < 1000 L 1 L for Volume > 1000 L
Accuracy class	0,5
Environmental classes	M1 / E1 / H2
Ambient temperature range	-10 – +40 °C; condensing humidity
Product temperature range	-5 – +35 °C
Intended for the measurement of	Lubrication oil
Viscosity range	40 – 2000 mPa·s
Power supply voltage	6 V DC (4x size AA batteries)
Software identification	Version number: V1-01-016 Checksum: 9B70A2B9