



# OIML Certificate

### **OIML Member State** The Netherlands



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Issuing authority Person responsible: NMi Certin B.V. M. Boudewijns



Applicant and Graco

Manufacturer 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

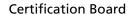


This Certificate relates only to the metrological and technical characteristics of the type of measuring instrument covered by the relevant OIML International Recommendation identified above. This Certificate does not bestow any form of legal international approval.

Important note: Apart from the mention of the Certificate's reference number and the name of the OIML Member State in which the Certificate was issued, partial quotation of the Certificate and of the associated OIML Type Evaluation Report(s) is not permitted, although either may be reproduced in full.

Issuing Authority

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



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This document is digitally signed and sealed. The digital signature can be verified in the blue ribbon at the top of the electronic version of this certificate.













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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



