Physikalisch-Technische Bundesanstalt

Braunschweig und Berlin

Member State of OIML
Germany

OIML Certificate N°
R49-1/2003-DE1-07.01

OIML CERTIFICATE OF CONFORMITY

Issuing Authority

Name:	Physikalisch-Technische Bundesanstalt
Address:	Bundesallee 100, 38116 Braunschweig
Person responsible:	Dr. Gudrun Wendt

Applicant

Name:	Minol International GmbH & Co. KG
Address:	Nikolaus-Otto-Straße 25, 70771 Leinfelden-Echterdingen Germany

Manufacturer of the certified type is the applicant.

Identification of the certified type	Water meter intended for the metering of cold potable water (mechanical, complete) Type: Minomess A, Minomess B Further characteristics see page 2

This Certificate attests the conformity of the above identified type (represented by the sample or samples identified in the associated Test Report) with the requirements of the following Recommendation of the International Organization of Legal Metrology (OIML):

R49-1 (2003): Metrological and technical requirements
R49-2 (2004): Test methods
R49-3 (2004): Test report format

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.

R3-000036

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The conformity was established by the results of tests and examinations provided in the associated Report No. PTB-1.5-4028055 (123 pages).

The Issuing Authority

Dr. Gudrun Wendt
Head of Department
Liquid Flow

22.01.2007

The CIML Member

Dr. Roman Schwartz
Head of Division
Mechanics and Acoustics

22.01.2007

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(s) is not permitted, although either may be reproduced in full.

Identification of the certified pattern – page 1 continued

Metrological characteristics:

Q_3	m^3/h	1,6				2,5			
Q_3/Q_1		25	31,5 40 50 63 80	25	31,5 40 50 63 80	25	31,5 40 50 63 80	25	31,5 40 50 63 80
Length	mm	80		≥110		80		≥110	
Orientation		H, V	H	H, V	H	H, V	H	H, V	H
Nominal diameter DN	mm	15				15		20	
Verification scale interval	ℓ	0,05							
Flow conditioner		none							
Accuracy class		2							
Maximum permissible pressure	bar	16							
Minimum straight length of inlet/outlet pipe	mm	0							
Maximum admissible temperature	°C	90							