

OIML Member State
The Netherlands

Number R117/2007-A-NL1-26.02 revision 1
Project number 4109005
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Issuing authority
Person responsible: NMi Certin B.V.
M.Ph.D. Schmidt

Applicant &
Manufacturer: Idex India Private Limited,
Survey No. 256, GIDC Manjusar
Dist: Vadodara 391770, Gujarat
India

Identification of the
certified type: A **measurement sensor**
Type: M(S)**xxx**
(see table 1, where the description **xxx** is indicating the meter size and (S)
the use of pressure containing sphere as either S, SAA, SC or SB).

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 117-1 (2007) "Dynamic measuring systems for liquids other than water"

Accuracy class 0,3 and 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.

This certificate and supporting reports comply with the requirements of OIML-CS-PD-07 clause 6.2.

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Issuing Authority **NMi Certin B.V., OIML Issuing Authority NL1**
12 May 2026

Certification Board

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The conformity was established by the results of tests and examinations provided in the associated reports:

- No. NMI-1901792-01 dated 8 August 2018 that includes 66 pages;
- No. NMI-2273797-01 dated 5 April 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 number TC11255-2.

The complete family of meter consists of one family (which are of similar construction).

Table 1 General characteristics of the family of instruments of type M(S)xx

Type	Accuracy Class	Flange size [inch]	Cyclic Volume [L]	Qmin [L/min]	Qmax [L/min]	MMQ [L]	Pmax [kPa]
M5	0,3	1½" (DN 40)	0,31	28	275	50	See note (1)
M(S)7	0,3	2" (DN50)	0,68	50	500	50	
M10	0,3	2" (DN50)	0,68	55	550	100	
M(S)15	0,3	3" (DN80)	1,84	100	1000	100	
M25	0,3	3" (DN80)	1,84	115	1150	100	
M(S)40	0,3	3" (DN80)	5,11	170	1700	200	
M(S)40	0,3	4" (DN100)	5,11	170	2300	200	
M60	0,3	4" (DN100)	9,5	280	2800	200	
M80	0,3	6" (DN150)	9,5	330	3300	500	
M(S)75	0,3 ^H	4" (DN100)	14,9	540	3300	500	
	0,5 ^L			340	3300		
M(S)120	0,3 ^H	6" (DN150)	23,81	760	3785	1000	
	0,5 ^L						
M(S)120	0,3 ^H	8" (DN200)	23,81	455	4545	1000	
	0,5 ^L						

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Notes to table 1:

- H** Indicates accuracy class approved on High viscosity oil of 18 cSt @ 20 °C.
- L** Indicates accuracy class approved on Low viscosity oil of 0,82 cSt @ 20 °C.
- (1) Maximum pressure for meter model:
 - M: 1034 kPa or 1965 kPa
 - MS: 1896 kPa
 - MSA: 1965 kPa
 - MSB: 5102 kPa
 - MSC: 10204 kPa

Table 2 Further general characteristics of the meters

Environmental classes	M3
Ambient temperature range	-25 ... +55 °C
Product temperature range	-5 ... +35 °C
Intended for the measurement of	Hydrocarbon based oils (fuels), with maximum viscosity of 20 mPa·s at 20 °C

Certificate History

This revision replaces the previous version.

Revision	Date	Description of the modification
0	29 January 2026	Initial. Parallel of R117-2007-A-NL1-20.07R4.
1	12 May 2026	Added meter types M5, M10, M25, M60, and M80