



Member State
Switzerland

OIML Certificate
No R49/2006-CH1-07.04
Revision 1

OIML CERTIFICATE OF CONFORMITY

Issuing authority

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|---------------------------|--|
| <i>Name</i> | Federal Office of Metrology METAS Certification Body METAS-Cert |
| <i>Address</i> | METAS, Lindenweg 50, CH-3003 Bern-Wabern |
| <i>Person responsible</i> | Jürg Ramseyer, Head of METAS-Cert |

Applicant

| | |
|---------------------|--|
| <i>Name</i> | E.WEHRLE GmbH |
| <i>Address</i> | Obertalstrasse 8, D – 78120 Furtwangen |
| <i>Manufacturer</i> | The manufacturer of the certified pattern is the Applicant |

Identification of the certified pattern

**Concentric multi-jet impeller meter intended for the
metering of cold and hot water (T30/T90)**

Type

Messkapsel Vario S and Messkapsel Data

For further characteristics see page 3.

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):

R 49-1, edition 2006
for accuracy class 2

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.



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

No 135-10736 that includes 32 pages

The Issuing Authority

The OIML Member

Jürg Ramseyer, Head of METAS-Cert

Dr. Philippe Richard

CH-3003 Bern-Wabern, 05 July 2010

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1 Description of the type

The meter is a concentric multi-jet impeller meter with threading of M62x2. The measuring sensor and the register are tightly interconnected to prevent any unauthorized opening and manipulation of the meter.

2 Technical specifications

| | |
|----------------------------------|--|
| Permanent flowrate Q_3 : | 2.5 or 1.6 |
| Nominal pressure: | 1.6 MPa |
| Measuring range: | Q_3 2.5: R80 H, R63 H, R50 V/H, R40 V/H, R31.5 V/H, R 25 V/H, R 10 V/H Q_3 1.6: R40 H, R31.5 V/H, R25 V/H, R10 V/H |
| Mounting: | Horizontal (H), vertical (V) and overhead |
| Pressure loss Class ΔP : | Q_3 2.5: 0.63, Q_3 1.6: 0.4 |
| Threaded connector: | Concentric manifold M62x2 |
| Temperature range: | 0.1 to 90 °C |
| Durability: | 12 years (standard installation conditions) |
| Environmental conditions: | Class B |
| Flow profile sensitivity class: | U0/D0 |