



Type examination certificate

No. CH-MI004-08008-01

Bauartprüfzertifikat

Applicant:
Auftraggeber:

ISOIL INDUSTRIA SPA
Via F.lli Gracchi 27
20092 Cinisello Balsamo (Mi)
Italy

Requirements:
Anforderungen:

Swiss ordinance on measuring instruments (SR 941.210)
of February 15, 2006 annex 2 module B;

Directive 2004/22/EC of the European Parliament and
Council of March 31, 2004 on measuring instruments
(MID), appendix B, cat. of measuring instruments MI-004

conformity of superseded standard:
EN 1434:Edition 2007

Type of instrument:
Geräteart:

Electromagnetic flow sensor as part of a heat meter

Type designation:
Typenbezeichnung:

ISOMAG

Accuracy class(es):
Genauigkeitsklasse(n):

2

Characteristics:
Kenndaten:

DN: from 25 to 200; PN: 16 bar; T_{max}: 100 °C

Certificate valid until:
Zertifikat gültig bis:

22 November 2017

CH-3003 Bern-Wabern, 16 December 2009

Notified body:
Benannte Stelle:

Certification body METAS-Cert
No. 1259

For the test:
Für die Prüfung:

Dr Hugo Bissig

Jürg Ramseyer, Head of METAS-Cert



Annex to the type examination certificate no. CH-MI004-08008-01

Beilage zu Bauartprüfzertifikat

1. Name and Type of the measuring instrument

ISOMAG – family of electromagnetic flow sensor as part of a heat meter

2. Description of the Type

The family of flow sensors ISOMAG covers the nominal diameters in the range of DN25 to DN200 consisting of 10 nominal diameters. The flow sensors are designed for a nominal pressure of 16 bar and a maximal water temperature of 100 °C.

3. Description of the extension

3.1 Software code

Software code is composed of three digits, where the first one affects the metric part of the hardware and software whereas the second and third digits do not affect the metric part.

- Software revision 3.xx

3.2 Overview of test results

In the following check list for the type examination from heat meters after EN 1434 the accomplished examinations are summarized. The results of the examinations after OIML R49 from the type examination certificate CH-MI001-07008 for the electromagnetic flow meter ISOMAG were taken over, if they correspond to the requirements of the EN 1434.

4. History of certificate

Edition	Date	Description
CH-MI004-08008-00	12 December 2008	First type examination certificate
CH-MI004-08008-01	16 December 2009	Software revision 3.xx and the number of certificate in the overview of test results.