

Czech Metrology Institute



Member state
Czech Republic

OIML Certificate No.
R85/2008-CZ-13.01

OIML CERTIFICATE OF CONFORMITY

Issuing Authority

Name: Czech Metrology Institute
Address: Okružní 31,
638 00 Brno, CZ
Person responsible: Jan Kalandra

Applicant

Name: Labkotec Oy
Address: Myllyhaantie 6
FI-33960 PIRKKALA
Finland

Manufacturer of the certified type

Name: Labkotec Oy
Address: Myllyhaantie 6
FI-33960 PIRKKALA
Finland

Identification of the certified type

Automatic level gauge

Type: LABKO 3000 (probe) / LPS-1 (Power supply and interface unit)

Further characteristics see page 2

This certificate attests the conformity of above identified type (represented by the sample or samples identified in the associated test report) with the requirements of the following Recommendation(s) of the International Organization of Legal Metrology (OIML):

R 85, edition 2008

This certificate relates only to the metrological and technical characteristics of the type of instrument covered by the relevant OIML Recommendation(s) identified above.

This certificate does not bestow any form of legal international approval.

The conformity was established by the results of tests and examinations provided in the associated Test report: No. 6015-PT-P3006-13 that includes 30 pages.

Characteristics:

| | | |
|---|-----------------------|---|
| Probe | Type | LABKO 3000 |
| | Measuring principle | Capacitive |
| | Probe's body material | AISI 304, FEP |
| | Length | up to 6000 mm |
| | Accuracy | better than ± 1 mm |
| | Temperature | - 40 °C to + 55 °C |
| | Power supply | LPS-1 |
| Power supply and interface unit | Type | LPS-1 |
| | Temperature | -25 °C...+55 °C |
| | Power supply | 230 VAC +/- 10%; 50/60 Hz |
| Current loop to RS-232 converter | Type | MD-1 |
| | Input /Output | RS-232 / 20mA active digital current loop |
| | Temperature | -10 °C...+40 °C |
| | Power supply | 230 VAC +/- 10%; 50/60 Hz |

Measuring system description:

The measuring system consists of the level sensor LABKO 3000 with power supply and interface unit LPS-1 and optionally current loop to RS-232 converter MD-1.

The level sensor LABKO 3000 consists of shielded shaft that is in contact with measured medium and electronics at top of the shaft.

Normal cabinet dimensions of LPS-1: height 125 mm; width 125 mm; depth 75 mm.

Normal cabinet dimensions of Labko MD-1: height 125 mm; width 125 mm; depth 75 mm.


The Issuing Authority
Jan Kalandra

11 July 2013




The CIML Member
Pavel Klenovský

11 July 2013

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