

Certifikat o kalibraciji



SLOVENSKA
AKREDITACIJA
SIST EN ISO/IEC 17025
LK-008



LOTRIČ®
METROLOGY



Calibration Certificate

Številka / Number
270-294-14-1

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4

Naročnik
Applicant

AMES d.o.o.
Na Lazih 30, 1351 Brezovica pri Ljubljani

Merilo
Measure Pretvornik tlaka
Pressure transducer

Identifikacijska številka
Identification number L 3985

Sledljivost
Traceability Podani merilni rezultati so sledljivi do nacionalnih etalonov in s tem do mednarodno podprtih realizacij SI-enot.
The reported measurement values are traceable to national measurement standards and thus to internationally supported realizations of the SI-units.

Datum kalibracije
Date of calibration Izvedel / Performed by
17.12.2014 Marija Demšar

Internal digitally signed by
Marija Demšar
Int. LOTRIČ = MarDe

Datum odobritve
Date of approval Odobril / Approved by
17.12.2014 Primož Hafner

Vodja področja
Head of operation

Digitally signed by
PRIMOZ HAFNER
Date: 2014.12.17
09:58:53 +01:00

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Podatki o merjencu

Measure information

Proizvajalec AMES
Manufacturer

Tip
Type RVM 96C

Najmanjši razdelek 0,1 mbar
Minimum interval

Minimum
Minimum 300 mbar

Maksimum
Maximum 1100 mbar

Kalibracijski postopek

Calibration method

Kalibracija je bila izvedena po primerjalni metodi z referenčnim merilnikom tlaka in primerjavo rezultatov po postopku C, skladno z navodiloma ML10N55 in EURAMET cg-17.

Calibration was executed by measurement of pressure with reference manometer by comparing results following the procedure C, according to instruction ML10N55 and EURAMET cg-17.

Mesto kalibracije LOTRIČ Meroslovje d.o.o., Laboratorij 2.01, Selca 163, 4227 Selca

Place of calibration

Pogoji okolja

Environmental conditions

		od from	do to	Zagotovljeni pogoji okolja Granted environmental conditions		
Temperatura zraka Air temperature	(°C)	21,56	21,82	21	+/-	2
Zračni tlak Air pressure	(mbar)	961	962		+/-	5

Številka certifikata uporabljenih referenčnih etalonov

Certificate number of reference standards used

0051352

Stanje merjenca pred naravnovanjem

Measure status before adjustment

Naravnovanje merila ni bilo potrebno.

Adjustment of measure was not required.

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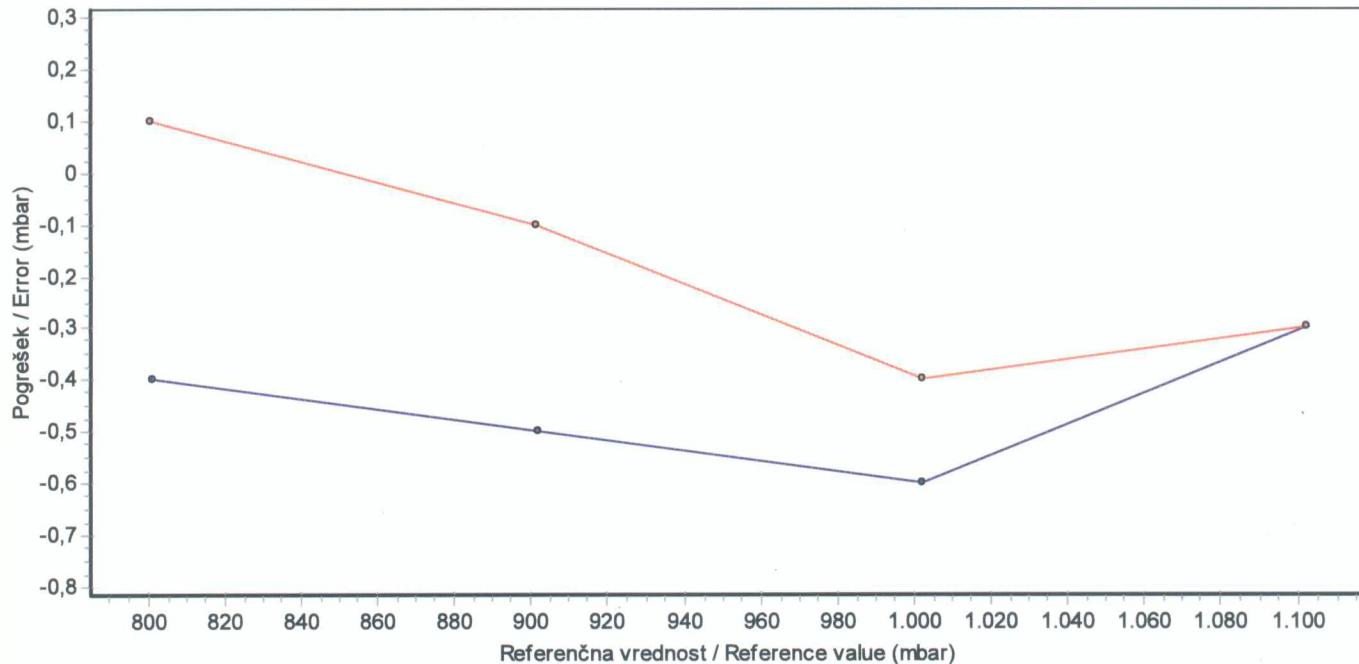
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Merilni rezultati

Measurement results

Referenčna vrednost Reference value (mbar)	Kazanje merila Measure indication (mbar)	Pogrešek Error (mbar)	Merilna negotovost Uncertainty (mbar)
Naraščajoči tlak / Increasing pressure			
801,2	800,8	-0,4	0,60
901,7	901,2	-0,5	0,60
1002,0	1001,4	-0,6	0,60
1102,3	1102,0	-0,3	0,60
Padajoči tlak / Decreasing pressure			
1102,3	1102,0	-0,3	0,60
1001,9	1001,5	-0,4	0,60
901,2	901,1	-0,1	0,60
800,7	800,8	0,1	0,60

Graf pogreškov / Error Chart



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Statement

Podani meritni rezultati in pripadajoča meritna negotovost se nanašajo na izmerjene vrednosti v času meritev in ne zagotavljajo dolgotrajne stabilnosti.

The measurement results and uncertainties quoted refer only to the measured value at the time of measurement and carry no implication regarding the long term stability.

Meritna negotovost

Uncertainty

Podana razširjena meritna negotovost je podana kot standardna negotovost pomnožena s faktorjem pokritja $k=2$, kar za normalno porazdelitev ustreza intervalu verjetnosti približno 95%. Standardno negotovost smo določili v skladu z EA vodilom EA-4/02.

The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by coverage factor $k=2$, which for a normal distribution corresponds to a coverage probability of approximately 95%. The standard uncertainty of measurement has been determined in accordance with EA Publication EA-4/02.

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