

Kalibrierzertifikat

Calibration Certificate

Kalibrierstelle für elektrische Messgrößen
Calibration body for electrical measurands.

akkreditiert durch/accruited by
AKKREDITIERUNG AUSTRIA

Kalibrierzertifikat nach ISO/IEC 17025
Calibration certificate according to ISO/IEC 17025



xx-xxxx
0640
05/2024

Kalibrierzeichen
Calibration Mark

Gegenstand: Ölprüfgerät
Object: oil breakdown voltage tester

Hersteller: BAUR GmbH
Manufacturer:

Type: DTA 100 C
Type:

Seriennummer: xx xxx xx xxx
Serial number:

Ident.-number: xxx-xxx
Ident.-number:

Auftraggeber: BAUR GmbH
Customer:
Raiffeisenstraße 8
6832 Sulz - Austria

Auftragsnummer: xxx xxx xxx
Order number:

Anzahl der Seiten des Kalibrierzertifikates: 4
Number of pages of the certificate:

Datum der Kalibrierung: 16.05.2024
Date of calibration:

Dieses Kalibrierzertifikat dokumentiert die Rückführbarkeit auf nationale Normale zur Darstellung der physikalischen Einheiten in Übereinstimmung mit dem Internationalen Einheitensystem (SI).

Akkreditierung Austria ist Unterzeichner der multilateralen Übereinkommen der European Cooperation for Accreditation (EA) sowie der International Laboratory Accreditation Cooperation (ILAC) zur gegenseitigen Anerkennung der Kalibrierscheine.

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements according to the International System of Units (SI).

Akkreditierung Austria is a signatory to the multilateral agreements of the European Cooperation for Accreditation (EA) and the International Laboratory Accreditation Cooperation (ILAC) for mutual recognition of calibration certificates.

Diese Kalibrierzertifikat darf nur vollständig und unverändert weiterverbreitet werden. Auszüge oder Änderungen bedürfen der Genehmigung des ausstellenden Kalibrierlabors. Kalibrierzertifikate ohne Unterschrift und Stempel haben keine Gültigkeit.

This calibration certificate may not be reproduced other than in full except with the permission of the issuing laboratory. Calibration certificates without signature and seal are not valid.



Signature

Signature

Sulz, 21.05.2024

Fabian Hüllhorst

Julian Bildstein

Ort, Datum
Location, date

Zeichnungsberechtigter
Authorised person

Bearbeiter
Person in charge

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Calibration procedure: AkkS SOP Hochspannung (2024-01)

Work instruction: AkkS AA Durchschlagsölprüfgeräte

Location of calibration: Sulz

Ambient conditions: Ambient temperature: 23,0 °C
Rel. Humidity: 40 %

Uncertainty: The uncertainty of measurement stated is the expanded uncertainty which is obtained from the standard uncertainty of measurement by multiplication by the expansion factor $k = 2$. It was determined in accordance with EA-4/02. Normally, with a probability of approx. 95%, the value of the measured lies within the interval assigned.

Date of receipt: 14.05.2024

Conformity statement: **PASS**
The statement of conformity refers to the compliance with the manufacturer's specifications at the specified measuring points in compliance with the decision rule published in this document.

Condition: **found / left**

Remark:

The results refer exclusively to the designated object at the time of calibration.

Used standards and measuring instruments:

Device type	Ident.-number:	Cal.-cert
KA 100 C	xxx-xxx	xx-xxxx

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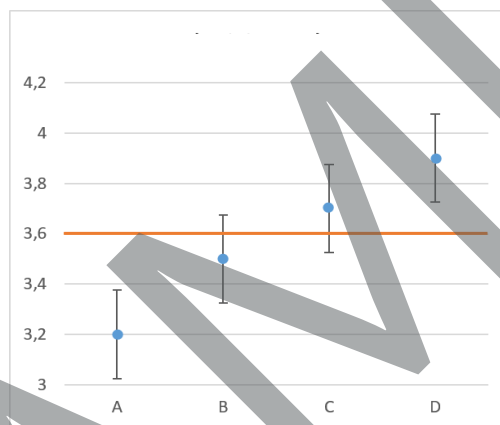
Measurement Result:

Reference value	Indication UUT	Exp. Uncertainty	Deviation	Tolerance	Status
AC voltage at 60 Hz					
10,06 kV	10,0 kV	0,019 kV	-0,05 kV	1,00 kV	Pass
20,06 kV	20,0 kV	0,035 kV	-0,04 kV	1,00 kV	Pass
30,02 kV	30,0 kV	0,053 kV	-0,02 kV	1,00 kV	Pass
40,05 kV	40,0 kV	0,070 kV	-0,05 kV	1,00 kV	Pass
50,08 kV	50,0 kV	0,09 kV	-0,08 kV	1,00 kV	Pass
60,08 kV	60,0 kV	0,11 kV	-0,08 kV	1,00 kV	Pass
70,06 kV	70,0 kV	0,12 kV	-0,06 kV	1,00 kV	Pass
80,01 kV	80,0 kV	0,14 kV	-0,01 kV	1,00 kV	Pass
89,93 kV	90,0 kV	0,16 kV	0,07 kV	1,00 kV	Pass
99,85 kV	100,0 kV	0,17 kV	0,15 kV	1,00 kV	Pass

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Decision rule

If a conformity statement is made, it refers to pre-defined specifications. These are primarily the manufacturer's accuracy specifications (specifications according to the datasheet), but other specifications may also be used upon customer request. Measurement results with their associated measurement uncertainties are considered as follows:



A: Measured value and uncertainty bar below the permitted limit value = PASS

B: Measured value below and uncertainty bar above partly the permitted limit value = FAIL

C: Measured value above and uncertainty bar partly below the permitted limit value = FAIL

D: Measured value and uncertainty bar of the permitted limit value = FAIL

Only according to other legal regulations or by written instructions of the customer when placing the order, cases B and C can be evaluated differently as "Fail".

End of the calibration certificate