



In Collaboration with

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CALIBRATION LABORATORY

CAICT

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DC Voltage Measurement

A/D - Converter Resolution nominal

High Range: 1LSB = $6.1\mu\text{V}$, full range = $-100\ldots+300\text{ mV}$

Low Range: 1LSB = 61nV , full range = $-1\ldots+3\text{mV}$

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

Calibration Factors	X	Y	Z
High Range	$404.849 \pm 0.15\% \text{ (k=2)}$	$405.360 \pm 0.15\% \text{ (k=2)}$	$404.890 \pm 0.15\% \text{ (k=2)}$
Low Range	$3.99209 \pm 0.7\% \text{ (k=2)}$	$3.97188 \pm 0.7\% \text{ (k=2)}$	$4.01870 \pm 0.7\% \text{ (k=2)}$

Connector Angle

Connector Angle to be used in DASY system	$329^\circ \pm 1^\circ$
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Client : **SGS**

Certificate No: 25J02Z000067

CALIBRATION CERTIFICATE

Object **DAE4ip - SN: 1826**

Calibration Procedure(s) **FF-Z11-002-01**
 Calibration Procedure for the Data Acquisition Electronics
 (DAEx)

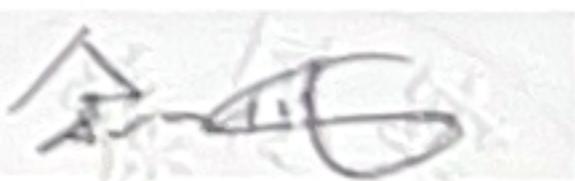
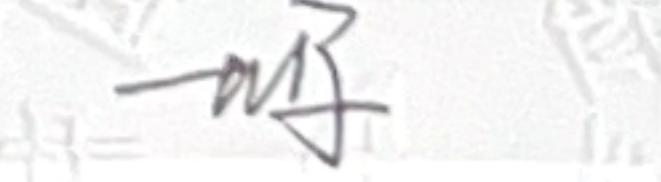
Calibration date: **February 17, 2025**

This calibration Certificate documents the traceability to national standards, which realize the physical units of measurements(SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature(22 ± 3)°C and humidity<70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date(Calibrated by, Certificate No.)	Scheduled Calibration
Process Calibrator 753	1971018	11-Jun-24 (CTTL, No.24J02X005147)	Jun-25

	Name	Function	Signature
Calibrated by:	Yu Zongying	SAR Test Engineer	
Reviewed by:	Lin Jun	SAR Test Engineer	
Approved by:	Qi Dianyuan	SAR Project Leader	

Issued: February 17, 2025

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.