



Calibration Certificate

Technician: BM
Part No: 2781500MA1B2BT1
Model: 278

Serial No: 4999333 Range: 512 to 1100 HPA/MB
Work Order: 39217 Nom. Output: 0.1 to 5 VDC
Date: 01/09/2023 Supply: 24vdc

CALIBRATION DATA

APPLIED PRESSURE (hPa)	TRANSDUCER OUTPUT (VDC)	PRESSURE CONVERSION (hPa)	ERROR (hPa)	EQUIPMENT UNCERTAINTY (hPa)
512.02	0.0010	500.12	-11.90	+/- 0.10
659.04	0.0003	500.04	-159.00	+/- 0.10
806.04	0.0004	500.04	-306.00	+/- 0.10
953.03	0.0004	500.05	-452.98	+/- 0.10
1100.04	0.0003	500.04	-600.00	+/- 0.10

REJECT CALIBRATION: ACCURACY OUT OF SPEC.

AMBIENT CONDITIONS:

Humidity: 46.8 %RH
Pressure: 1000.7 hPa

Temperature: 21.1 degree C

SPECIFICATIONS:

Accuracy Specification: +/- 0.6 hPa @ +20 degree C (+68 degree F).

NOTES:

1. This calibration was performed in compliance with ANSI/NCSL Z540-1-1994.
2. All errors are expressed in hPa.
3. Consult specification sheet for additional information.
4. This calibration is certified per N.I.S.T. traceable primary standards.
Reference standard: I/N_00048-SN142-DHI_PPC3-100KA700KS/A100KS.
Reference standard cal. date: 11/10/22.
5. This certificate may not be reproduced, except in full, without written approval from Setra Systems.
6. This calibration was performed using procedure P2781X.

COMMENTS

AS FOUND