



Calibration Certificate

Technician: BM
Part No: 2781500MA1B2BT1
Model: 278

Serial No: 7547828 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)
512.03	0.1009	512.11	0.08	+/- 0.10
659.04	1.3305	659.66	0.62	+/- 0.10
806.03	2.5535	806.42	0.39	+/- 0.10
953.04	3.7747	952.97	-0.07	+/- 0.10
1100.03	5.0045	1100.54	0.51	+/- 0.10

REJECT CALIBRATION: ACCURACY OUT OF SPEC.

AMBIENT CONDITIONS:

Humidity: 47.2 %RH
Pressure: 1000.8 hPa

Temperature: 21.5 degree C

SPECIFICATIONS:

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

NOTES:

1. This calibration was performed in compliance with ANSI/NC SL 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