



# Calibration Certificate

Technician: BM  
Part No: 2781500MA1B2BT1  
Model: 278

Serial No: 4999332      Range: 512 to 1100 hPa/MB  
Work Order: 39217      Nom. Output: 0.1 to 5 VDC  
Date: 01/09/2023      Supply: 24vdc

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## CALIBRATION DATA

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APPLIED PRESSURE (hPa)	TRANSDUCER OUTPUT (VDC)	PRESSURE CONVERSION (hPa)	ERROR (hPa)	EQUIPMENT UNCERTAINTY (hPa)
512.02	0.0980	511.76	-0.26	+/- 0.10
659.03	1.3261	659.13	0.10	+/- 0.10
806.03	2.5500	806.00	-0.03	+/- 0.10
953.03	3.7725	952.70	-0.33	+/- 0.10
1100.05	5.0006	1100.08	0.03	+/- 0.10

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### AMBIENT CONDITIONS:

Humidity: 48.8 %RH  
Pressure: 998.7 hPa

Temperature: 22.7 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

RECERTIFIED, MAJOR RECAL.