



# 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                 | 0.0003                  | 500.04                    | -11.98      | +/- 0.10                    |
| 659.04                 | 0.0000                  | 500.01                    | -159.03     | +/- 0.10                    |
| 806.04                 | -0.0000                 | 500.00                    | -306.04     | +/- 0.10                    |
| 953.04                 | 0.0000                  | 500.01                    | -453.03     | +/- 0.10                    |
| 1100.04                | 0.0649                  | 507.79                    | -592.25     | +/- 0.10                    |

REJECT CALIBRATION: ACCURACY OUT OF SPEC.

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### AMBIENT CONDITIONS:

Humidity: 48.3 %RH  
Pressure: 1000.7 hPa

Temperature: 22.4 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: .  
Reference standard cal. date: .
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