

psid



Johnson Controls, Inc

Pressure Calibration

JADEC: 0-250 PSIG

Channel: PRESS_001

Sensor SN: 464278

Range: 0.00 to 250.00 psid

Calibration Date: 9/26/2023

Due Date: 03/26/2024

Technician: Rob Deeter

Standard S/N: 830703

Standard Description: Sensor

Stimulus S/N: 41001AV5

Stimulus Description: CPC6050

Ambient Temperature: 72.0 F

Relative Humidity: 40.0 %

Manager: Corey King

Calibration File:

No. of Observations: 6

Degree of Polynomial: 2

Formula: Corrected = a(0) + a(1) * Device + a(2) * Device^2

a(0): (-62.2808379249)

a(1): (15610.1705684881)

a(2): (1009.9865498079)

a(3)

Device (psia)	Standard (psid)	Corrected (psid)	Standard - Corrected (psid)	Residual (psid)	Residual Error (%)
0.003989	0.000000	0.004204	-0.004204	0.004204	0.000000
0.007189	50.001000	49.992876	0.008124	0.008124	0.016247
0.010389	100.000000	100.002233	-0.002233	0.002233	0.002233
0.013587	150.001000	150.001000	0.000000	0.000000	0.000000
0.016784	200.000000	200.004781	-0.004781	0.004781	0.002390
0.019979	250.001000	249.997907	0.003093	0.003093	0.001237

Maximum Residual Error (%)

0.016247 %

Residual (psid)

0.008124 psid

Standard (psid)

50.001000 psid

Corrected (psid)

49.992876 psid

Maximum Error: 0.016247 %

Allowable Maximum Error: 1.000000 %

Status: **PASSED**