

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: 3/16/2023

Due Date: 09/16/2023

Technician: Daniel Mack

Standard S/N: 830703

Standard Description: Sensor

Stimulus S/N: 830704

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): (-62.0582435680)

a(1): (15596.1971782712)

a(2): (1383.8110244281)

a(3)

Device (psig)	Standard (psid)	Corrected (psid)	Standard - Corrected (psid)	Residual (psid)	Residual Error (%)
0.003978	0.000000	0.005327	-0.005327	0.005327	0.000000
0.007180	50.001000	49.993791	0.007209	0.007209	0.014418
0.010381	100.001000	99.995006	0.005994	0.005994	0.005994
0.013581	150.001000	150.008945	-0.007945	0.007945	0.005297
0.016778	200.000000	200.004297	-0.004297	0.004297	0.002149
0.019973	250.001000	249.996634	0.004366	0.004366	0.001747

Maximum Residual Error (%)

0.014418 %

Residual (psid)

0.007209 psid

Standard (psid)

50.001000 psid

Corrected (psid)

49.993791 psid

Maximum Error: 0.014418 %

Allowable Maximum Error: 1.000000 %

Status: PASSED