

psid



Johnson Controls, Inc

Pressure Calibration

JADEC: 0-250 PSIG

Channel: PRESS_002

Sensor SN: 464275

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): (-62.3287630490)

a(1): (15595.8088825628)

a(2): (897.8378578844)

a(3)

Device (psia)	Standard (psid)	Corrected (psid)	Standard - Corrected (psid)	Residual (psid)	Residual Error (%)
0.003996	0.000000	0.006426	-0.006426	0.006426	0.000000
0.007199	50.001000	49.991996	0.009004	0.009004	0.018007
0.010402	100.000000	99.995988	0.004012	0.004012	0.004012
0.013604	150.001000	150.002783	-0.001783	0.001783	0.001189
0.016805	200.000000	200.012362	-0.012362	0.012362	0.006181
0.020003	250.001000	249.993445	0.007555	0.007555	0.003022

Maximum Residual Error (%)

0.018007 %

Residual (psid)

0.009004 psid

Standard (psid)

50.001000 psid

Corrected (psid)

49.991996 psid

Maximum Error: 0.018007 %

Allowable Maximum Error: 1.000000 %

Status: PASSED