

Analytics Integration Test - Analog Tags

Test report with analog tags, trend lines, and SPC charts

Report Period: 1/1/2024, 11:00:00 AM - 1/1/2024, 1:00:00 PM

Generated: 1/22/2026, 8:15:43 AM

Tags: TEMP_01, PRESSURE_01

Data Points: 200

Format: PDF

Executive Summary

This report analyzes 2 tag(s) over the specified time period, containing a total of 200 data points. The analysis includes statistical summaries, trend analysis, and data quality metrics.

Key Findings:

- TEMP_01: Average 75.32, Range 54.80 - 98.81, Data Quality 100.0%
- PRESSURE_01: Average 99.64, Range 59.21 - 140.78, Data Quality 100.0%

Tag: TEMP_01

Data Points: 100

Time Range: 1/1/2024, 11:00:00 AM - 1/1/2024, 12:39:00 PM

Statistical Summary:

Minimum: 54.80

Maximum: 98.81

Average: 75.32

Standard Deviation: 5.00

Data Quality: 100.0%

Data Quality Breakdown:

Good Quality: 100 (100.0%)

Bad Quality: 0 (0.0%)

Uncertain Quality: 0 (0.0%)

Tag: PRESSURE_01

Data Points: 100

Time Range: 1/1/2024, 11:00:00 AM - 1/1/2024, 12:39:00 PM

Statistical Summary:

Minimum: 59.21

Maximum: 140.78

Average: 99.64

Standard Deviation: 10.00

Data Quality: 100.0%

Data Quality Breakdown:

Good Quality: 100 (100.0%)

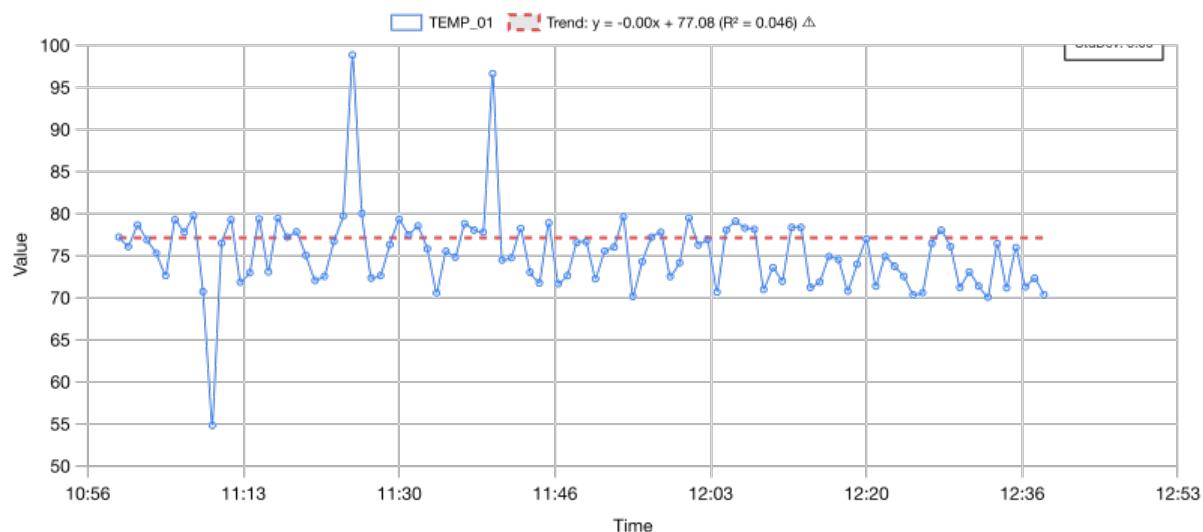
Bad Quality: 0 (0.0%)

Uncertain Quality: 0 (0.0%)

Data Visualizations

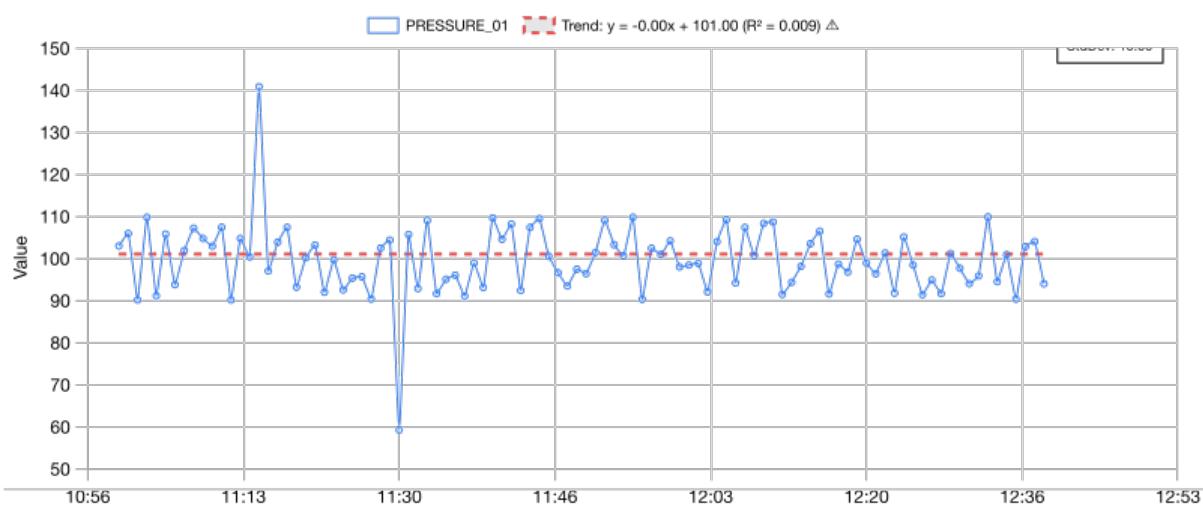
TEMP_01 - Data Trend

TEMP_01 - Time Series Data



PRESSURE_01 - Data Trend

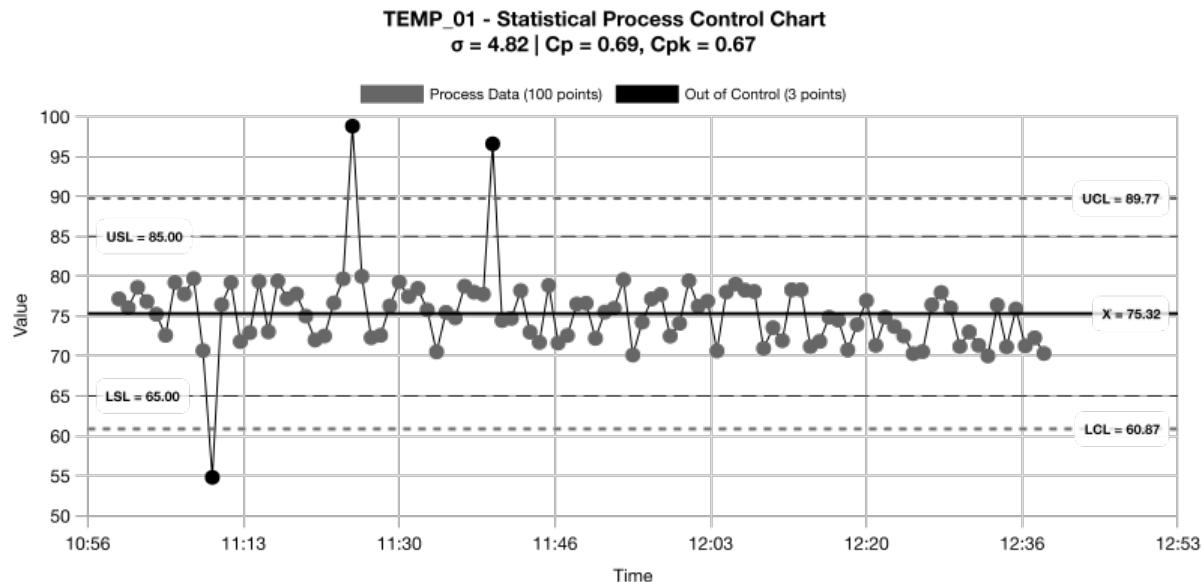
PRESSURE_01 - Time Series Data



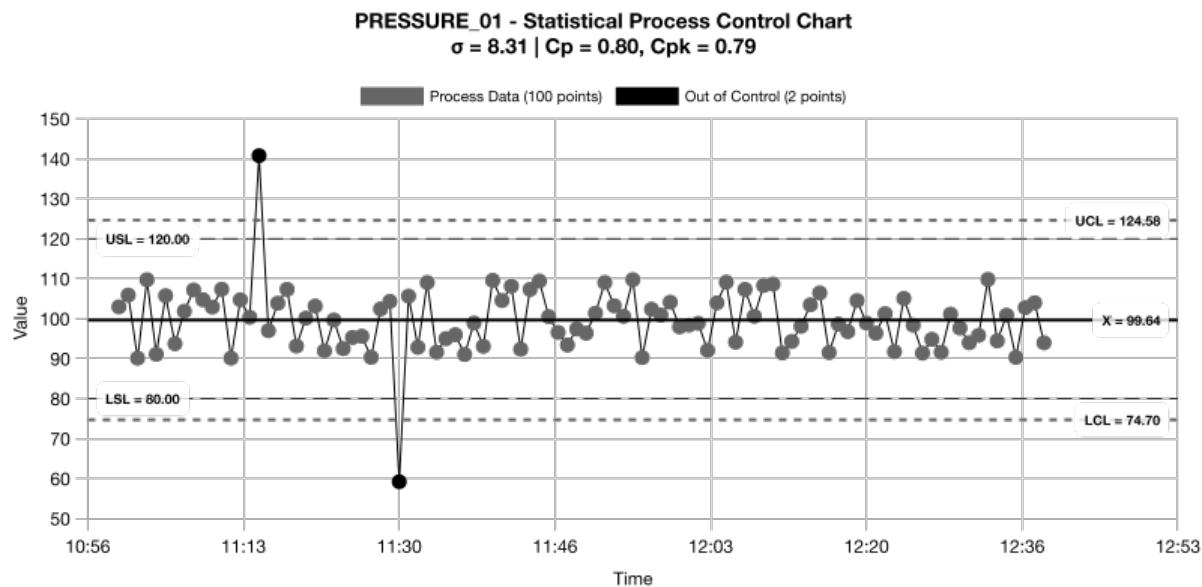
Statistical Process Control Analysis

Data Visualizations

TEMP_01 - SPC Chart



PRESSURE_01 - SPC Chart



SPC Metrics Summary

Tag Name	X0@	<6W7@	LSL	USL	Cp	Cpk	Capability
TEMP_01	75.32	4.82	65.00	85.00	0.69	0.67	Not Capable
PRESSURE_01	99.64	8.31	80.00	120.00	0.80	0.79	Not Capable

Data Table: TEMP_01

Timestamp	Value	Quality Code	Status
1/1/2024, 11:00:00 AM	77.17	192	Good
1/1/2024, 11:01:00 AM	76.05	192	Good
1/1/2024, 11:02:00 AM	78.59	192	Good
1/1/2024, 11:03:00 AM	76.83	192	Good
1/1/2024, 11:04:00 AM	75.23	192	Good
1/1/2024, 11:05:00 AM	72.60	192	Good
1/1/2024, 11:06:00 AM	79.22	192	Good
1/1/2024, 11:07:00 AM	77.76	192	Good
1/1/2024, 11:08:00 AM	79.71	192	Good
1/1/2024, 11:09:00 AM	70.68	192	Good
1/1/2024, 11:10:00 AM	54.80	192	Good
1/1/2024, 11:11:00 AM	76.45	192	Good
1/1/2024, 11:12:00 AM	79.22	192	Good
1/1/2024, 11:13:00 AM	71.81	192	Good
1/1/2024, 11:14:00 AM	72.93	192	Good
1/1/2024, 11:15:00 AM	79.35	192	Good
1/1/2024, 11:16:00 AM	73.04	192	Good
1/1/2024, 11:17:00 AM	79.41	192	Good
1/1/2024, 11:18:00 AM	77.18	192	Good
1/1/2024, 11:19:00 AM	77.78	192	Good
1/1/2024, 11:20:00 AM	75.00	192	Good
1/1/2024, 11:21:00 AM	72.01	192	Good
1/1/2024, 11:22:00 AM	72.51	192	Good
1/1/2024, 11:23:00 AM	76.65	192	Good
1/1/2024, 11:24:00 AM	79.68	192	Good
1/1/2024, 11:25:00 AM	98.81	192	Good
1/1/2024, 11:26:00 AM	79.98	192	Good
1/1/2024, 11:27:00 AM	72.30	192	Good
1/1/2024, 11:28:00 AM	72.59	192	Good
1/1/2024, 11:29:00 AM	76.28	192	Good
1/1/2024, 11:30:00 AM	79.28	192	Good
1/1/2024, 11:31:00 AM	77.46	192	Good
1/1/2024, 11:32:00 AM	78.47	192	Good

1/1/2024, 11:33:00 AM	75.77	192	Good
1/1/2024, 11:34:00 AM	70.52	192	Good
1/1/2024, 11:35:00 AM	75.47	192	Good
1/1/2024, 11:36:00 AM	74.79	192	Good
1/1/2024, 11:37:00 AM	78.75	192	Good
1/1/2024, 11:38:00 AM	78.00	192	Good
1/1/2024, 11:39:00 AM	77.74	192	Good
1/1/2024, 11:40:00 AM	96.59	192	Good
1/1/2024, 11:41:00 AM	74.45	192	Good
1/1/2024, 11:42:00 AM	74.72	192	Good
1/1/2024, 11:43:00 AM	78.19	192	Good
1/1/2024, 11:44:00 AM	72.99	192	Good
1/1/2024, 11:45:00 AM	71.71	192	Good
1/1/2024, 11:46:00 AM	78.85	192	Good
1/1/2024, 11:47:00 AM	71.63	192	Good
1/1/2024, 11:48:00 AM	72.58	192	Good
1/1/2024, 11:49:00 AM	76.51	192	Good
1/1/2024, 11:50:00 AM	76.61	192	Good
1/1/2024, 11:51:00 AM	72.21	192	Good
1/1/2024, 11:52:00 AM	75.51	192	Good
1/1/2024, 11:53:00 AM	75.98	192	Good
1/1/2024, 11:54:00 AM	79.56	192	Good
1/1/2024, 11:55:00 AM	70.12	192	Good
1/1/2024, 11:56:00 AM	74.25	192	Good
1/1/2024, 11:57:00 AM	77.15	192	Good
1/1/2024, 11:58:00 AM	77.73	192	Good
1/1/2024, 11:59:00 AM	72.50	192	Good
1/1/2024, 12:00:00 PM	74.11	192	Good
1/1/2024, 12:01:00 PM	79.44	192	Good
1/1/2024, 12:02:00 PM	76.24	192	Good
1/1/2024, 12:03:00 PM	76.88	192	Good
1/1/2024, 12:04:00 PM	70.64	192	Good
1/1/2024, 12:05:00 PM	78.02	192	Good
1/1/2024, 12:06:00 PM	79.04	192	Good
1/1/2024, 12:07:00 PM	78.25	192	Good

1/1/2024, 12:08:00 PM	78.08	192	Good
1/1/2024, 12:09:00 PM	70.95	192	Good
1/1/2024, 12:10:00 PM	73.54	192	Good
1/1/2024, 12:11:00 PM	71.93	192	Good
1/1/2024, 12:12:00 PM	78.30	192	Good
1/1/2024, 12:13:00 PM	78.30	192	Good
1/1/2024, 12:14:00 PM	71.18	192	Good
1/1/2024, 12:15:00 PM	71.83	192	Good
1/1/2024, 12:16:00 PM	74.86	192	Good
1/1/2024, 12:17:00 PM	74.49	192	Good
1/1/2024, 12:18:00 PM	70.75	192	Good
1/1/2024, 12:19:00 PM	73.94	192	Good
1/1/2024, 12:20:00 PM	76.95	192	Good
1/1/2024, 12:21:00 PM	71.33	192	Good
1/1/2024, 12:22:00 PM	74.86	192	Good
1/1/2024, 12:23:00 PM	73.70	192	Good
1/1/2024, 12:24:00 PM	72.51	192	Good
1/1/2024, 12:25:00 PM	70.30	192	Good
1/1/2024, 12:26:00 PM	70.55	192	Good
1/1/2024, 12:27:00 PM	76.42	192	Good
1/1/2024, 12:28:00 PM	77.96	192	Good
1/1/2024, 12:29:00 PM	76.03	192	Good
1/1/2024, 12:30:00 PM	71.19	192	Good
1/1/2024, 12:31:00 PM	73.01	192	Good
1/1/2024, 12:32:00 PM	71.34	192	Good
1/1/2024, 12:33:00 PM	70.02	192	Good
1/1/2024, 12:34:00 PM	76.39	192	Good
1/1/2024, 12:35:00 PM	71.14	192	Good
1/1/2024, 12:36:00 PM	75.90	192	Good
1/1/2024, 12:37:00 PM	71.27	192	Good
1/1/2024, 12:38:00 PM	72.28	192	Good
1/1/2024, 12:39:00 PM	70.32	192	Good

Data Table: PRESSURE_01

Timestamp	Value	Quality Code	Status
1/1/2024, 11:00:00 AM	102.95	192	Good
1/1/2024, 11:01:00 AM	105.90	192	Good
1/1/2024, 11:02:00 AM	90.11	192	Good
1/1/2024, 11:03:00 AM	109.74	192	Good
1/1/2024, 11:04:00 AM	91.09	192	Good
1/1/2024, 11:05:00 AM	105.75	192	Good
1/1/2024, 11:06:00 AM	93.73	192	Good
1/1/2024, 11:07:00 AM	101.85	192	Good
1/1/2024, 11:08:00 AM	107.17	192	Good
1/1/2024, 11:09:00 AM	104.73	192	Good
1/1/2024, 11:10:00 AM	102.90	192	Good
1/1/2024, 11:11:00 AM	107.36	192	Good
1/1/2024, 11:12:00 AM	90.11	192	Good
1/1/2024, 11:13:00 AM	104.73	192	Good
1/1/2024, 11:14:00 AM	100.35	192	Good
1/1/2024, 11:15:00 AM	140.78	192	Good
1/1/2024, 11:16:00 AM	97.00	192	Good
1/1/2024, 11:17:00 AM	103.86	192	Good
1/1/2024, 11:18:00 AM	107.34	192	Good
1/1/2024, 11:19:00 AM	93.14	192	Good
1/1/2024, 11:20:00 AM	100.12	192	Good
1/1/2024, 11:21:00 AM	103.14	192	Good
1/1/2024, 11:22:00 AM	91.95	192	Good
1/1/2024, 11:23:00 AM	99.66	192	Good
1/1/2024, 11:24:00 AM	92.51	192	Good
1/1/2024, 11:25:00 AM	95.29	192	Good
1/1/2024, 11:26:00 AM	95.61	192	Good
1/1/2024, 11:27:00 AM	90.34	192	Good
1/1/2024, 11:28:00 AM	102.41	192	Good
1/1/2024, 11:29:00 AM	104.32	192	Good
1/1/2024, 11:30:00 AM	59.21	192	Good
1/1/2024, 11:31:00 AM	105.64	192	Good
1/1/2024, 11:32:00 AM	92.83	192	Good

1/1/2024, 11:33:00 AM	109.04	192	Good
1/1/2024, 11:34:00 AM	91.59	192	Good
1/1/2024, 11:35:00 AM	95.01	192	Good
1/1/2024, 11:36:00 AM	95.99	192	Good
1/1/2024, 11:37:00 AM	91.03	192	Good
1/1/2024, 11:38:00 AM	98.90	192	Good
1/1/2024, 11:39:00 AM	93.08	192	Good
1/1/2024, 11:40:00 AM	109.58	192	Good
1/1/2024, 11:41:00 AM	104.54	192	Good
1/1/2024, 11:42:00 AM	108.13	192	Good
1/1/2024, 11:43:00 AM	92.34	192	Good
1/1/2024, 11:44:00 AM	107.33	192	Good
1/1/2024, 11:45:00 AM	109.41	192	Good
1/1/2024, 11:46:00 AM	100.49	192	Good
1/1/2024, 11:47:00 AM	96.56	192	Good
1/1/2024, 11:48:00 AM	93.41	192	Good
1/1/2024, 11:49:00 AM	97.41	192	Good
1/1/2024, 11:50:00 AM	96.38	192	Good
1/1/2024, 11:51:00 AM	101.37	192	Good
1/1/2024, 11:52:00 AM	109.05	192	Good
1/1/2024, 11:53:00 AM	103.23	192	Good
1/1/2024, 11:54:00 AM	100.60	192	Good
1/1/2024, 11:55:00 AM	109.76	192	Good
1/1/2024, 11:56:00 AM	90.27	192	Good
1/1/2024, 11:57:00 AM	102.37	192	Good
1/1/2024, 11:58:00 AM	100.90	192	Good
1/1/2024, 11:59:00 AM	104.12	192	Good
1/1/2024, 12:00:00 PM	97.95	192	Good
1/1/2024, 12:01:00 PM	98.39	192	Good
1/1/2024, 12:02:00 PM	98.83	192	Good
1/1/2024, 12:03:00 PM	92.05	192	Good
1/1/2024, 12:04:00 PM	103.96	192	Good
1/1/2024, 12:05:00 PM	109.13	192	Good
1/1/2024, 12:06:00 PM	94.13	192	Good
1/1/2024, 12:07:00 PM	107.32	192	Good

1/1/2024, 12:08:00 PM	100.61	192	Good
1/1/2024, 12:09:00 PM	108.30	192	Good
1/1/2024, 12:10:00 PM	108.64	192	Good
1/1/2024, 12:11:00 PM	91.42	192	Good
1/1/2024, 12:12:00 PM	94.31	192	Good
1/1/2024, 12:13:00 PM	98.09	192	Good
1/1/2024, 12:14:00 PM	103.47	192	Good
1/1/2024, 12:15:00 PM	106.44	192	Good
1/1/2024, 12:16:00 PM	91.53	192	Good
1/1/2024, 12:17:00 PM	98.64	192	Good
1/1/2024, 12:18:00 PM	96.76	192	Good
1/1/2024, 12:19:00 PM	104.52	192	Good
1/1/2024, 12:20:00 PM	98.89	192	Good
1/1/2024, 12:21:00 PM	96.35	192	Good
1/1/2024, 12:22:00 PM	101.25	192	Good
1/1/2024, 12:23:00 PM	91.73	192	Good
1/1/2024, 12:24:00 PM	105.06	192	Good
1/1/2024, 12:25:00 PM	98.38	192	Good
1/1/2024, 12:26:00 PM	91.37	192	Good
1/1/2024, 12:27:00 PM	94.83	192	Good
1/1/2024, 12:28:00 PM	91.61	192	Good
1/1/2024, 12:29:00 PM	101.12	192	Good
1/1/2024, 12:30:00 PM	97.64	192	Good
1/1/2024, 12:31:00 PM	93.98	192	Good
1/1/2024, 12:32:00 PM	95.81	192	Good
1/1/2024, 12:33:00 PM	109.83	192	Good
1/1/2024, 12:34:00 PM	94.45	192	Good
1/1/2024, 12:35:00 PM	100.86	192	Good
1/1/2024, 12:36:00 PM	90.33	192	Good
1/1/2024, 12:37:00 PM	102.76	192	Good
1/1/2024, 12:38:00 PM	103.97	192	Good
1/1/2024, 12:39:00 PM	93.96	192	Good

Statistical Summary

Tag	Min	Max	Average	Std Dev	Quality %
TEMP_01	54.80	98.81	75.32	5.00	100.0%
PRESSURE_01	59.21	140.78	99.64	10.00	100.0%