

- **Pressure linearity (Load)**

The difference between the actual output voltage and the straight line connecting the offset voltage and the Rated output voltage in the pressure (load) and output voltage characteristics.
- **Pressure (Load) Hysteresis**

Hysteresis in the output voltage caused by distortion due to pressure (load).
- **Offset Temperature Characteristics**

Indicates the maximum offset voltage change within the compensation temperature range.
- **offset voltage**

The offset voltage is the output voltage value when no pressure (load) is applied.
- **Temperature Characteristics**

Difference due to ambient temperature change. Often displayed with 25°C as the reference.
- **Sensitivity**

The value obtained by dividing the full-scale span at 25°C by the measurement pressure (load) range (MAX value - MIN value). It indicates the change in output voltage per unit change in pressure (load).
- **Drive Current, Drive Voltage**

The current or voltage values used to drive the sensor when specifying electrical performance.
- **Gauge Pressure**

Pressure relative to atmospheric pressure. The positive side is called positive pressure, and the negative side is called negative pressure (vacuum pressure).
- **Differential pressure**

Pressure relative to an arbitrary reference pressure.
- **Maximum Applied Pressure (Load)**

The maximum pressure (load) that can be applied without causing a change in performance.
- **Maximum Drive Current, Maximum Drive Voltage**

The maximum current or voltage that can be applied without affecting performance.
- **Output span voltage**

The value obtained by subtracting the output voltage without applied pressure (load) from the output voltage with applied pressure (load).

- **Operating Temperature Range**
The maximum temperature range in which the sensor can be operated continuously while maintaining its Performance.
- **Span Temperature Characteristics**
Indicates the maximum change in span voltage within the compensation temperature range.
- **Absolute pressure**
Pressure relative to absolute vacuum.
- **Absolute Maximum Rated**
Limit value that must not be exceeded.
- **Rated**
Means the value at which performance can be continuously maintained.
- **Rated Output Voltage**
Output voltage value when rated pressure is applied to the pressure sensor.
- **Full-scale span**
The span output at maximum load when used within any range.
- **Bridge Resistance**
The composite Resistance Value (between Vcc and GND) when configured as a Wheatstone bridge.
- **Compensation Temperature Range**
The temperature range in which the electrical performance characteristics are maintained.
- **Storage Temperature Range**
The Maximum permissible temperature range when storing the sensor without operation.