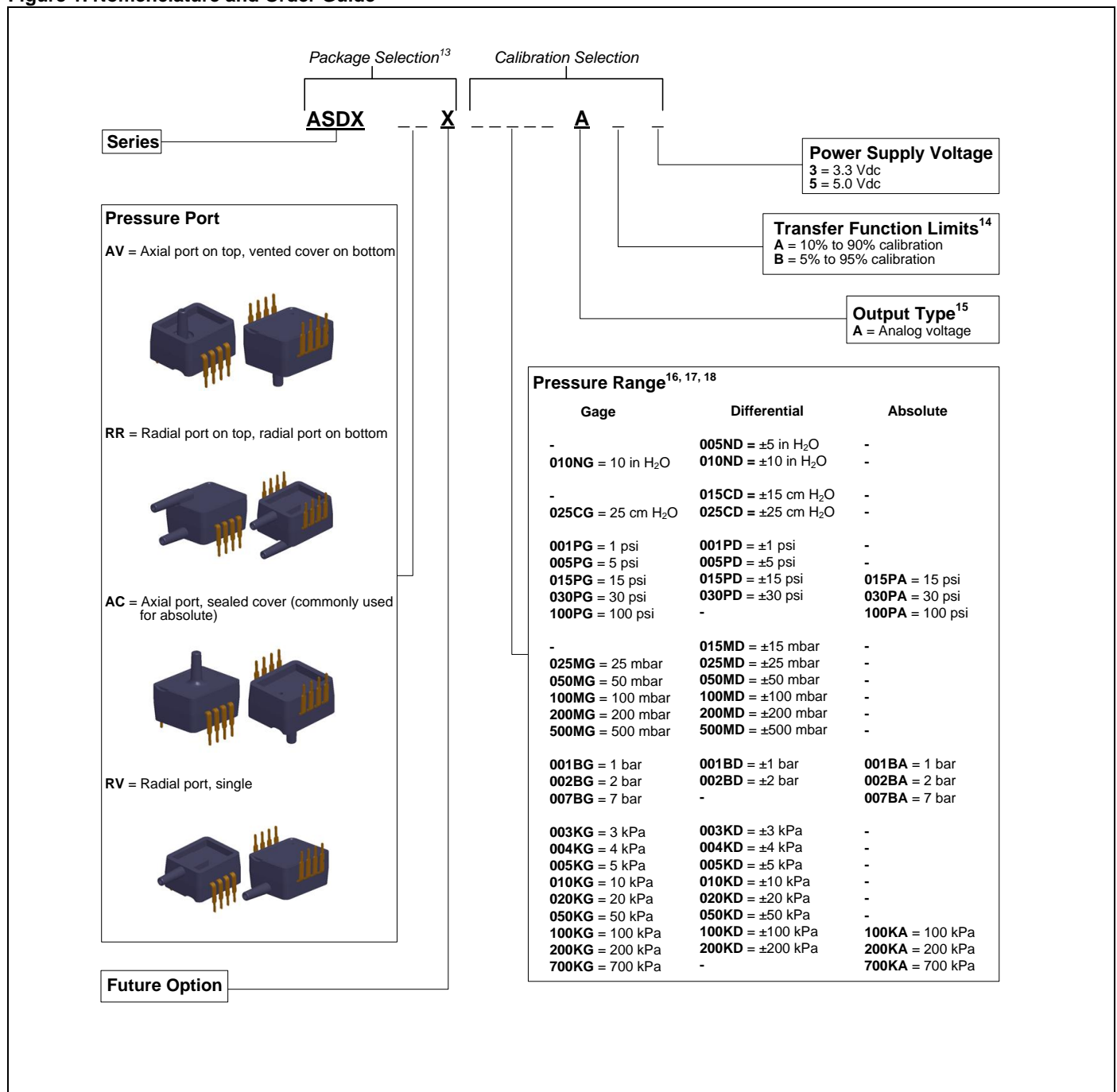


# Low and Ultra-Low Pressure Analog Output

Figure 1. Nomenclature and Order Guide



**Notes:**

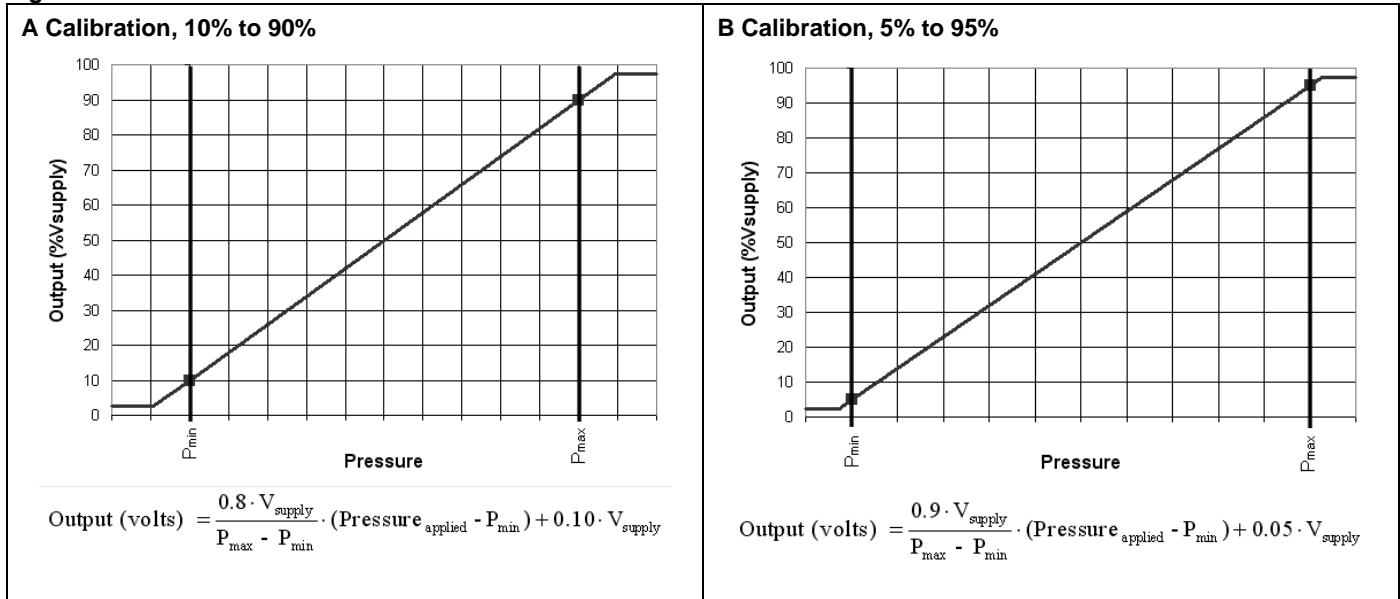
- Other package combinations are possible, please contact Honeywell Customer Service.
- The transfer function limits define the output of the sensor at a given pressure input. By specifying the output signal at the maximum (Pmax.) and minimum (Pmin.) limits of the pressure range, the complete transfer curve for the sensor is defined. See Figure 2 for a graphical representation of each calibration.
- For a digital output, please refer to the ASDX Digital Series.
- Custom pressure ranges are available, please contact Honeywell Customer Service.
- The pressure units (inches H<sub>2</sub>O, cm H<sub>2</sub>O, psi, mbar, bar, kPa) define the units used during calibration and in the application.
- See Table 5 for an explanation of sensor types.

# ASDX Series Silicon Pressure Sensors

**Table 5. Sensor Types**

Type	Description
Absolute	Output is proportional to difference between applied pressure and built-in reference to vacuum (zero pressure).
Gage	Output is proportional to difference between applied pressure and atmospheric (ambient) pressure.
Differential	Output is proportional to difference between pressure applied to each of the pressure ports (Port 1 – Port 2).

**Figure 2. Transfer Functions and Limits**



**Figure 3. Completed Catalog Listing Example**

