

GE

Measurement & Sensing

UNIK5000

Pressure Sensing Platform


The UNIK5000 your customizable pressure measurement solution

Our flexible manufacturing system allows custom sensor configurations can be ordered in Qty's from 1 piece to 1000's. Ideal for OEM's and a vast range of applications.

The use of micro machined silicon technology and analogue and digital circuitry enables best in class performance for stability, low power, and frequency response*.

Design Your Own Sensor Online Now!

Customization made easy using our [Online](#) tool the "CONFIGURATOR" Over One Million Configurations.

Yes design on-line with the 5000 CONFIGURATOR link provided below. Also includes a built in help feature at every decision point, just click the .

<https://www.gemeasurement.com/microsites/unik-5000/index.html>



Confidence

With our Druck Heritage we have over 40 years experience in silicon design and thousands of tough challenging applications. Ensuring confidence when incorporating our sensor solutions in your application.

Its our combination of high technology sensors, together with advanced signal conditioning and packaging techniques, providing an ideal long term solution for reliable, accurate and economical solutions.



Features

- Ranges from 70 mbar (1 psi) to 700 bar (10000 psi)
- Accuracy from $\pm 0.2\%$ to $\pm 0.04\%$ Full Scale (FS) Best Straight Line (BSL)
- Stainless Steel construction
- Fast frequency response typical 3.5kHz*
- High over pressure capability
- Numerous Hazardous Area Certifications 
- 4-20 mA, mV, 3 and 4 wire Voltage outputs
- Digital outputs available (contact GE)
- Multiple electrical & pressure connector options
- Pressure Modules available (contact GE)
- Operating temperature ranges from -50 to 125°C (-58 to 257°F)~

** Frequency response i.e. response to pressure change v output measurement. Will vary with selected outputs and fittings, details in configurator tool for mV, fastest response achieved with mV versions, higher than 5kHz possible, if this is critical to your application then contact your nearest GE representative to ensure we can meet your expectation.*

~Not applicable to all configurations.



GE imagination at work