

Features and Benefits

Affordability minimizes your cost to produce.

COST EFFECTIVE*

The PX2 Series is a precise pressure measurement solution that optimizes system performance at a competitive cost.

DESIGNED FOR CONFIGURABILITY*

With over 60,000 standard configurations, the PX2 Series easily meets our customers' specific application needs.

APPLICATION EXPERTISE*

Knowledgeable application engineers are available to answer customers' specific design questions during the development of their product.

GLOBAL SUPPORT

Honeywell's global presence offers customers immediate product and application support throughout the development cycle, from design to global manufacturing.

Available feature-rich and fast.

WIDE SELECTION OF OPTIONS

Numerous standard or custom connectors, ports, pressure ranges and types, and output options include:

- Electrical connector types: Delphi Metri-Pack 150 (UL 94 HB or V-0 options), Micro M12, DIN, Deutsch, or cable harness (1 m, 2 m, 3 m, or 5 m).
- Pressure port types: 7/16-20 UNF 1/4 in 45° Flare Female Schrader (SAE J512), 7/16-20 UNF 45° Flare Male (SAE J513), 7/16-20 UNF 37° Flare Male (SAE J514), G1/4 (ISO 1179-3), G1/8 (ISO 1179-3), M12 x 1.5 (ISO 6149-3), 1/4-18 NPT, 1/8-27 NPT, 9/16-18 UNF, (SAE J1926-3), or 7/16-20 UNF (SAE J1926-3)
- Pressure range: 1 bar to 70 bar | 100 kPa to 7 MPa | 15 psi to 1000 psi.
- Pressure reference: Absolute, sealed gage, or vented gage.
- Output transfer function: Ratiometric, regulated, or current.
- Two available flame retardant options: UL 94 HB is standard on all electrical terminations, UL 94 V-0 is available upon request.

SHORT LEAD TIME

Due to the PX2 Series' configurability, customers can count on a quick response to prototypes. Additionally, dedicated teams and manufacturing processes ensure that product samples are shipped quickly to support your demanding product development cycle.

Dependable, consistent performance.

SMALL TOTAL ERROR BAND (TEB)

Honeywell specifies TEB, the most comprehensive, clear, and meaningful measurement that provides the transducer's true accuracy over a compensated temperature range of -40 °C to 125 °C [-40 °F to 257 °F] (see Figure 1).

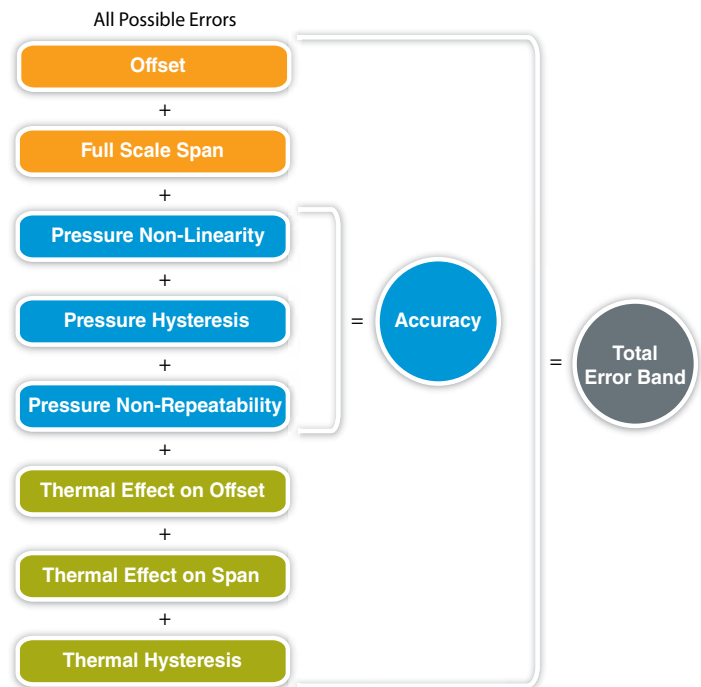


Figure 1: TEB For the PX2 Series

The PX2 Series' industry-leading TEB of $\pm 2\%$:

- Provides excellent transducer interchangeability due to minimal part-to-part variation in accuracy.
- Reduces the customers' need for individual transducer testing and calibration.
- Supports system accuracy and warranty requirements.

FAST RESPONSE TIME

A fast response time of <2 ms helps maximize system performance.

APPLICATION LIFE

A minimum 10 million cycles to operating pressure provides enhanced life in the application.