products show

oil-filled sensor with diaphragm

Summarization：

HT series piezoresistive sensors are sealed by ISO technique. The core of a sensor is a solid piezoresistive sensitive silicon wafer imported from United States. It has features of high reliability, repeatability and stability.

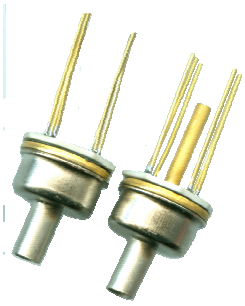
Series：

Model HT12 with To-8 housing is suitable to measure dry gas. For model HT19 and HT13, a stainless steel diaphragm is welded in the front of the forced surface of the sensitive element. The press is passed to silicon wafer by silicon oil. So measure to all sorts of gaseous and liquid medium compatible with stainless steel and special rubber is completed.

MODEL HT12

Specification

Range:
35kPa(5Psi)~2000kPa(300Psi) Non-linearity：±0.15(% of Span,BFSL)
Repeatability and Hysteresis：0.1(% of span)
Zero output：0±1(mv@1.5mA)
Span output：100±30(mv@1.5mA)
Zero temperature：±1(% Span in ref,to25℃)
Span temperature：±1(% Span in ref,to25℃)
Compensated Temperature: 0-70℃



MODEL HT19

Specification

Range:
35kPa(5Psi)~7500kPa(1000Psi) Non-linearity：±0.2(% of Span,BFSL)
Repeatability and Hysteresis：0.1(% of span)
Zero output：0±1(mv@1.5mA)
Span output：100±30(mv@1.5mA)
Zero temperature：±1(% Span in ref,to25℃)
Span temperature：±1(% Span in ref,to25℃)
Compensated Temperature: 0-70℃

MODEL HT13

Specification

Range:
3.5MPa(500Psi)~35MPa(5000Psi) Non-linearity：±0.15(% of Span,BFSL)
Repeatability and Hysteresis：0.1(% of span)
Zero output：0±1(mv@1.5mA)
Span output：100±30(mv@1.5mA)
Zero temperature：±1(% Span in ref,to25℃)
Span temperature：±1(% Span in ref,to25℃)
Compensated Temperature: 0-70℃

MODEL HT20

Specification

Range:
35kPa(5Psi)~35MPa(5000Psi) Non-linearity：±0.2(% of Span,BFSL)
Repeatability and Hysteresis：0.1(% of span)
Zero output：0±1(mv@1.5mA)
Span output：100±30(mv@1.5mA)
Zero temperature：±1(% Span in ref,to25℃)
Span temperature：±1(% Span in ref,to25℃)
Compensated Temperature: 0-70℃

MODEL HT24

Specification

Range:
35kPa(5Psi)~7500kPa(1000Psi) Non-linearity：±0.2(% of Span,BFSL)
Repeatability and Hysteresis：0.1(% of span)
Zero output：0±1(mv@1.5mA)
Span output：100±30(mv@1.5mA)
Zero temperature：±1(% Span in ref,to25℃)
Span temperature：±1(% Span in ref,to25℃)
Compensated Temperature: 0-70℃

MODEL HT22

Specification

Range:
35kPa(5Psi)~7500kPa(1000Psi) Non-linearity：±0.2(% of Span,BFSL)
Repeatability and Hysteresis：0.1(% of span)
Zero output：0±1(mv@1.5mA)
Span output：100±30(mv@1.5mA)
Zero temperature：±1(% Span in ref,to25℃)
Span temperature：±1(% Span in ref,to25℃)
Compensated Temperature: 0-70℃