



Series 2000-SAN



- King Gauge connection available in 6" and 8" versions
- Easy programming / calibration with display and 3 push buttons
- 10:1 turn down allows for large coverage
0-160" / 0-1600" H₂O
- 0.1% accuracy from adjusted span
- All stainless construction



KLAY-INSTRUMENTS

Description

The 2000-SAN series is designed for all pressure and level measurements in the food and beverage, chemical and pharmaceutical industries. The transmitters are fully temperature compensated, and have the very strong KLAY FDT diaphragm. Zero and span can be adjusted without test pressure, over wide ranges, by 3 push-buttons, or through Hart.

Specifications

Accuracy	: 0.1% of adjusted span
Measuring ranges	: 0-160 "/0-1600" H2O
Output signal	: 4 - 20 mA / 2-wire HART® protocol
Adjustment	: by 3 pushbuttons or H.H.T.
Power supply	: 12 - 36 Vdc
Protection grade	: IP66
Process temperature	: -20°C to +80°C (Option: 100°C)
Ambient temperature	: -20°C to +70°C*
Temperature effect	: ±0,010% / K
Wetted parts	: Hastelloy C
Electronic housing	: AISI 304



1. Laser welded diaphragm

- Tested by helium gas (gas tight)
- Hygienic design
- no o-rings used

2. Strong Hastelloy C diaphragm

- Standard polished (Ra<0.15µ)
- Flush with process

3. Wave structure (back-up) behind diaphragm

- Equal to diaphragm structure
- Good protection against overpressure
- Perfect long term stability

4. Pressure sensor

- Build-in temperature sensor
- Active temperature compensation
- Welded construction (no o-rings)
- High overpressures

5. Minimum oil filling between sensor and diaphragm

- Food grade oil
- High temperature oil (option)

