

SENSORS FOR FOOD AND LIFE SCIENCES.



SANITARY BY DESIGN

ANDERSON-NEGELE



LIFE
SCIENCES

Anderson-Negele Products – Sanitary by Design

If you don't see what you need, just call 800-833-0081



Pressure

HA – Mini Pressure Transmitter

- Fractional line sizes
- Process connections: 3/4", 1", 1 1/2" Tri-clamp® or CPM flushmount
- Autoclaveable option
- Analog output (4-20mA)



HA

TPP – Sanitary Pressure Transmitter

- High temperature options
 - for processes up to 400° F (204° C)
- Process connections: 3/4", 1 1/2", 2" Tri-clamp®, CPM flushmount; others available
- LCD display option
- Transmitter output options
 - Analog (4-20mA)
 - HART "SMART"



TPP

EP – Digital Pressure Gauge

- Process connections: 3/4", 1 1/2", 2" Tri-clamp®, 1 1/2" NPT, CPM flushmount
- Optional alarm/control relays
- Min/Max pressure capture feature
- Highest accuracy and best over-range of any sanitary gauge



EP

EK – Mini Pressure Gauge

- Process connections: 3/4", 1" Tri-clamp®, CPM flushmount
- Autoclaveable option
- Low profile – .48" case depth
- Externally adjustable offset



EK

EM-Series – 90mm Pressure Gauge

- Externally adjustable
 - offset – standard
 - span – optional
- Autoclaveable option
- Low profile – .57" case
- Flexible mounting options



EM

Other Sanitary Pressure Products Available

- CPM - Clean Process Measurement Fittings



SANITARY BY DESIGN

ANDERSON-NEGELE

- All Stainless Steel Construction*
 - Wetted Surfaces 316L
 - Electropolished to R_a 8 microinches (.2 microns)
- Compact, All-welded Construction
- Designed for CIP & SIP
- Extensive Process Connection Options
- Material and Calibration Certifications Provided
- Customizations – Quick-turn Specialists

*HMP contains Rulon123® bearing and PTFE, with 20 R_a surface finish. LN contains PEEK and PFA.



Temperature

Sanitary RTDs and Temperature Transmitters

SW / CT

- Modular design for installation and upgrade flexibility
- RTD pre-assembled with transmitter
- Process connections: sanitary clamp, thermowell, flushmount
- Dual RTDs in transmitter option
- Transmitter output options
 - Analog (4-20mA)
 - HART “SMART”



DTG – Digital Temperature Gauge

- High accuracy and excellent readability
- Calibration – field adjustable
- Field replaceable AA batteries
- Flexible mounting options



Level

LN – Potentiometric Level Transmitter

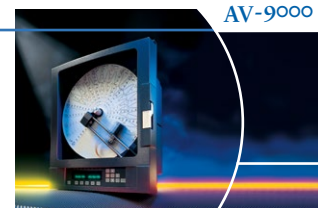
- Exceptional long term stability
- Unaffected by temperature and/or dielectric changes
- No moving parts for high reliability and cleaning in place
- Rugged construction with potted electronics



Instrumentation

AV-9000 – Recorder / Recording Controller

- Flexible configuration
 - Four assignable PID controllers
 - Four inputs recorded in four colors, plain paper
 - Four additional inputs
 - Indicating
 - Controlling
 - Switching
 - Alarming
- Configured to print specific label of data trace
- Prints scales, and alphanumeric data



AV-9000



Flow

HMP – TURBINE FLOWMETER

- Process connections: 1", 1½", 2" Tri-clamp®
- Optional integral display
- Suitable for steam blow down
- Non-magnetic rotor sensing
- 2 piece housing for optional sanitation



HMP



Meeting the Critical-Process Requirements of the Life Sciences Industry

Anderson-Negele is a leading producer of Sanitary Process Instrumentation for the Life Sciences, Liquid Food, Beverage, and Cosmetic Industries. As an innovative manufacturer, we provide our customers with engineered products that solve application-specific problems.

Our vertical integration enables Anderson-Negele to control all facets of design through manufacture, ensuring the reliability and performance of our products.

Sanitary by Design means we exceed the rigorous sanitary requirements of your most critical bio-pharmaceutical and biotech applications – better, faster and more cost-effectively.

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