

## ANDERSON NEGELE - PRESSURE GAUGE, ASME BPE

EM

EM

- Hygienic pressure gauge for the pharmaceutical industry for pipes and containers
- Autoclavable Version with CPM or Tri-Clamp 1.5 "Process Connection
- Zero and span adjustment
- Product contact surfaces electropolished,  $R_a \leq 0.2 \mu\text{m}$
- Temperature up to  $149^\circ \text{C}$



### PRODUCT DESCRIPTION

We market high quality pressure gauge and design from our supplier Anderson-Negele, which meets the highest standards of process engineering, and is the perfect solution for applications for food, pharmaceuticals, breweries, cosmetics and pharmaceutic processes.

The products of Anderson-Negele are manufactured according to the concept "Hygienic by Design", which is reflected in the special process adapters: CLEANadapt and PHARMadapt as well as the unique design of the instruments.

Pressure gauge EM -...

The EM pressure gauge / manometer replaces the MAN-90P series. A special feature is the recessed membrane, which is resistant to mechanical damage - e.g. during transport or recalibration - protects.

· Designed and tested according to ASME B40.100, CSA B51-03 and CRN number CSA0F9754.5C

Please refer to the image below for ordering information.

## Order Code

EM (diameter housing 90 mm, incl. material certificate and calibration certificate)

### Measurement range

XXX see table on page 1

01 Fixed character

### Process connection/fitting

- 004 (Tri-Clamp 1½")
- 162 (Tri-Clamp 1½", with recessed diaphragm)
- 005 (Tri-Clamp 2")
- 177 (Tri-Clamp 2", with recessed diaphragm)
- 123 (CPM fitting)
- 099 (Varivent type N for DN40/50)

### Mount/connection

- 1 (bottom)
- 4 (back)
- 5 (left)
- 6 (right)
- 7 (top)

### Damping

- 0 (standard / without)
- 1 (glycerine filled case OF)
- 2 (hydro-mechanical damping MD)
- 3 (vented case/standard dampening)
- 4 (vented case/mechnaical dampeing)

### Calibration adjustment

- 1 (standard, with Re-Zero)
- 2 (with Re-Zero & Re-Span)
- 3 (with Re-Zero and max pointer stop)
- 4 (with Re-Zero & Re-Span and pointer stop)

### Capillary filling

- 1 (paraffin oil/medical white oil)
- 5 (Neobee-M20)

### Materials of construction

- A (standard)
- B (C22 (Hastelloy) diaphragm)
- C (C22 all wetted surfaces)
- L (standard with custom marking)
- M (C22 diaphragm with custom marking)
- N (C22 all wetted surfaces with custom marking)

### Temperature

- 0 (standard)
- 1 (high temperature up to 165 °C (330 °F) with steam stabilized diaphragm)

### Lens

- 0 (standard)
- 1 (UV stabilized)

### Surface preparation

- 0 (standard)
- 1 (clean for oxygen service)

0 Fixed character

EM 055 01 004 1 1 4 2 A 0 0 0 0

## TECHNICAL DATA

### Approvals

FDA, ASME BPE

### Area of application

Pharma

### Diameter

90 mm

### IP class

IP66, NEMA Type 4X

Material display	Polycarbonate
Material of sensor housing	Stainless steel AISI 304
Material of wetted parts	Stainless steel 316L
Surface finish	0.2 µm Ra
Temperature ambient from	4 °C
Temperature ambient to	49 °C
Temperature of media from	-29 °C
Temperature of media to	149 °C