

## 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,  $Ra \leq 0.2 \mu m$
- Temperature up to  $149^\circ C$



### 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

Specifications

**Approvals**

FDA, ASME BPE

**Area of application**

Pharma

**Diameter**

90

<b>Display Material</b>	Polycarbonate
<b>IP Class</b>	IP66, NEMA Type 4X
<b>Material of sensor housing</b>	Stainless steel AISI 304
<b>Materials Wetted Parts</b>	Stainless steel 316L
<b>Surface Finish</b>	0,2
<b>Temperature ambient from</b>	4
<b>Temperature ambient to</b>	49
<b>Temperature range of media from</b>	-29
<b>Temperature range of media to</b>	149