

## ANDERSON NEGELE - DIGITAL PRESSURE GAUGE, 3A

EP

EP

- Hygienic control of the local display process
- Product contact surfaces electropolished,  $R_a \leq 0.2 \mu\text{m}$
- Battery powered (2x AA), 1 year lifetime
- Large programmable display
- Option: 2 x relay contacts



### 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, type EP -...

The meter is specially designed to monitor critical pressures in sanitary pharmaceutic applications.

Compared to mechanical gauge, this electronic meter gives better accuracy, higher resolution and over-range capabilities, and is supported by a 2 year warranty!

Switch version provides all this, PLUS 2 fully adjustable switches with low voltage relay outputs for easy control and / or alarm.

In addition, it has a friendly friendly interface for easy calibration and programming.

There is also a "min / max" detection that can be used for troubleshooting in process and equipment.

The device is powered by two "AA" batteries, and operates for up to one year before the "low battery" indicator lights up. The relay switch version requires a continuous power supply (9-30 VDC) with battery backup for on-site programming.

Please refer to the image below for ordering information.

## Order Information

**E P**     **0 1**

**RANGE (Available units/URL)**

025 Full vacuum to 0 psi (M,B/30 psig)  
 028 Full vacuum to 0 to 15 psi (C,B/30 psig)  
 029 Full vacuum to 0 to 30 psi (C,B/30 psig)  
 031 Full vacuum to 0 to 60 psi (C,B/100 psig)  
 032 Full vacuum to 0 to 100 psi (C,B/100 psig)  
 059 0-5 psig (G,B,W/5 psig)  
 063 0-15 psi (G,B,W/30 psig; A/15 psia)  
 066 0-30 psi (G,A,B,W/30 psig)  
 068 0-50 psi (G,A,B,W/100 psig)  
 069 0-60 psi (G,A,B,W/100 psig)  
 071 0-100 psi (G,A,B,W/100 psig)  
 073 0-150 psi (G,A,B/200 psig)  
 074 0-160 psi (G,A,B/200 psig)  
 075 0-200 psi (G,A,B/200 psig)  
 077 0-300 psi (G,A,B/300 psig)  
 081 0-500 psi (G,B/500 psig)

**ENGINEERING UNITS**

G PSIG  
 M Hg(inches Mercury)  
 A PSIA  
 B BAR  
 C Vacuum/Pressure("Hg&PSIG)  
 W Inches WC

**NAME ON DIAL**

01 Anderson-Negele

**SWITCHING OPTION**

0 No Switching  
 1 Switching with 2 Normally Open Relays  
 2 Switching with 2 Normally Closed Relays

**DIAPHRAGM MATERIAL**

1 316L Stainless Steel (std.)  
 2 Hastelloy

**MOUNTING**

1 Bottom  
 4 Back  
 5 Left  
 6 Right

**FITTINGS/PROCESS CONNECTIONS**

002 3/4 Tri-Clamp®  
 003 1" Tri-Clamp®  
 004 1-1/2" Tri-Clamp®  
 005 2" Tri-Clamp®  
 016 1-1/2" Cherry-Burrell I-line(male)  
 017 2" Cherry-Burrell I-line (male)  
 059 1-1/2" NPT male<sup>1</sup>  
 123 Anderson CPM Flushmount  
 161 Mini CPM

## TECHNICAL DATA

Approvals	3-A, FDA, IEC 61326
Area of application	Pharma
IP class	NEMA Type 4X
Material display	Polysulfone
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	-4 °C
Temperature of media to	127 °C