



## Provides Isolation From Hazardous Or Corrosive Liquids

SIGMAMOTOR Pressure Gauge Isolators allow standard pressure gauges to be used in corrosive services.

The upper section (gauge side) is filled with glycerin, mineral oil, silicone or halocarbon. A diaphragm separates the glycerin from the lower section which connects to the pressure source.

A 1/2" port is provided for connection to the pressure source.

### Features

- CNC precision machined parts
- Variety of materials available
- Various pressure ranges available
- Cost effective and reliable
- 2.5" Dial (4" dial optional)
- Pre-filled with glycerin between gauge and diaphragm
- Optional adjustable pressure switch\* can be adjusted from 2% to 90% of full scale value. Reed switch. Max switching voltage: 75VDC / 50 VAC. Max switching current: 0.5A DC or AC with resistive load. Max switching hysteresis: 2.5%.



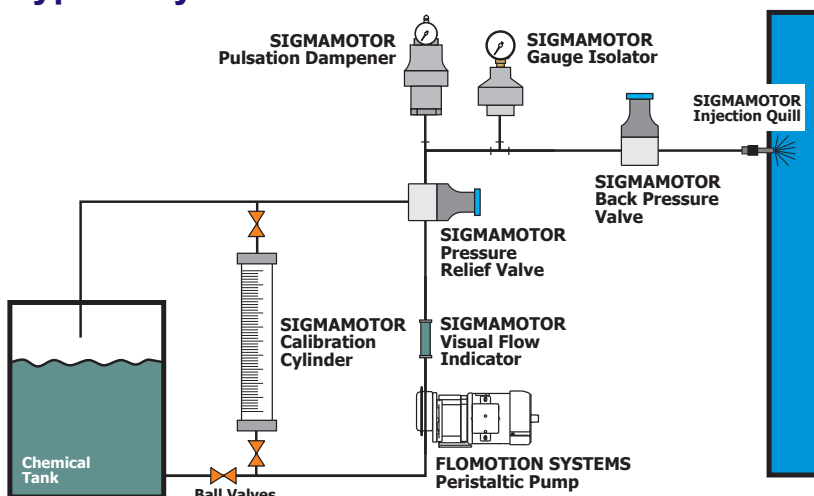
316 SS



POLYPROPYLENE

*\*Front facing gauge only*

### Typical System



*Bayonet ring twists off for easy pressure switch adjustment. Simply move the red indicator.*

*Shown with optional pressure switch*

# SIGMAMOTOR PRESSURE GAUGE ISOLATOR

NSF-61 Approved Materials

GI:     -     -     -     -      
           1      2      3      4      5

Example: GI-N-030C-P-V-SS

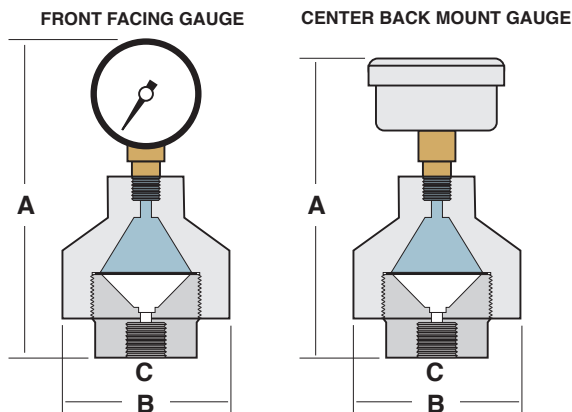
INLET CONNECTION TYPE <b>1</b>	
NPT	<b>N</b>
SOCKET	<b>S</b>
FLANGED	<b>F</b>
UNION	<b>U</b>

SIZE <b>2</b>								
<b>SELECT:</b>	<b>C030</b>	<b>030</b>	<b>060</b>	<b>100</b>	<b>160</b>	<b>200</b>	<b>200S</b>	<b>300</b>
<b>PSI RATING</b>	-30,0,30	0-30	0-60	0-100	0-160	0-200	0-200	0-300
<b>A-Height (in) front facing gauge</b>	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
<b>A-Height (in) top facing gauge</b>	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
<b>B-Diameter (in)</b>	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
<b>C-Connection (in)</b>	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
<b>SPECIAL</b>	Compound						With Switch*	

ISOLATOR BODY MATERIAL <b>3</b>	
PVC	<b>P</b>
POLYPROPYLENE	<b>PP</b>
CPVC	<b>CP</b>
PTFE	<b>T</b>
Kynar® PVDF	<b>K</b>
316 SS	<b>S</b>
ALLOY 20	<b>A</b>
HASTELLOY C276	<b>H</b>

DIAPHRAGM MATERIAL <b>4</b>	
VITON	<b>V</b>
EPDM	<b>E</b>
PTFE	<b>T</b>

OPTIONS <b>5</b>	
STANDARD GAUGE	
4" GAUGE	<b>4</b>
ALL 316 STAINLESS STEEL GAUGE	<b>SS</b>
CENTER BACK MOUNT GAUGE	<b>B</b>
HALOCARBON	<b>H</b>
SILICONE	<b>S</b>
MINERAL OIL	<b>M</b>



FLANGE STYLE	
Plastic:	ANSI 150# Flat Face
Metal:	ANSI 150# Raised Face

\* Front facing gauge only

<b>Material:</b>	PVC	CPVC	PP	PVDF	PTFE	METAL
<b>Maximum Pressure:</b>	150 psi	150 psi	150 psi	150 psi	150 psi	350 psi
<b>Maximum Temperature:</b>	140 °F	195 °F	195 °F	285 °F	480 °F	300 °F

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