



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%.



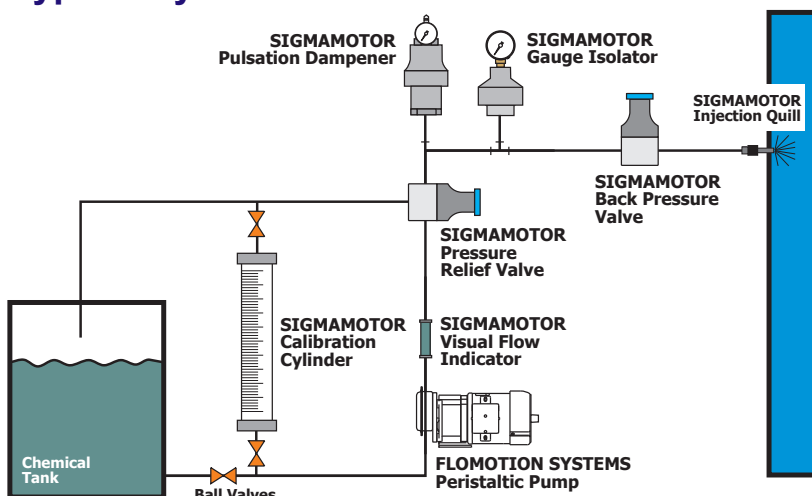
316 SS



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

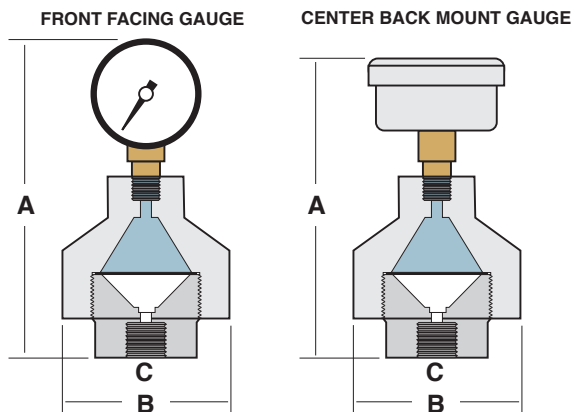
INLET CONNECTION TYPE 1	
NPT	N
SOCKET	S
FLANGED	F
UNION	U

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

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

DIAPHRAGM MATERIAL 4	
VITON	V
EPDM	E
PTFE	T

OPTIONS 5	
STANDARD GAUGE	
ALL 316 STAINLESS STEEL GAUGE	SS
CENTER BACK MOUNT GAUGE	B
HALOCARBON	H
SILICONE	S
MINERAL OIL	M



* Front facing gauge only

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

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