

PRESSURE GAUGES & SWITCHES

Range of sizes and settings to test, control, and monitor system pressures



INDEX

Product Line	Page
1-1/2" - Center Back Mount Pressure Gauges	1
2" - Center Back Mount Pressure Gauges	1
2" - Lower Mount Pressure Gauges	2
2-1/2" - Center Back Mount Pressure Gauges	3
2-1/2" - Lower Mount Pressure Gauges	4
4" - Lower Mount Pressure Gauges	6
4-1/2" - Lower Mount Pressure Gauges	7
Pressure Gauge Accessories	8
Water Test Gauges	8
Gas Test Manifolds	9
Gas Test Gauge with Manifold	9
Tridicators	10
Bi-Metal Thermometers	10
Thermowell	10
Hot Water Thermometers	10
Electrodes	11
Floatless Liquid Level Control Systems	11
Boshart Pressure Switches	12
Pulsation Plug	12
Telemecanique	13
Pressure Switch Indicator Light	19
Hubbell Switches	20
Pressure Sensors	23

1-1/2" - CENTER BACK MOUNT PRESSURE GAUGES

These pressure gauges are general purpose but are not for use with oxygen.

• No Lead Gauges: NSF/ANSI Standard 372 Certified

Dial Size: 1-1/2"

Mount: CBM



Part No.	Mount Size	Dial Range PSI	Increments	Quantity	
				L1	L2
Dry, Connection: Brass, Case Material: Black Steel, Accuracy: 3%-2%-3% Grade B Temperature Range: -40°F to 140°F (-40°C to 60°C)					
PG15CBM-0-30NL	No Lead	1/8"	0-30	0.5 PSI	100
PG15CBM-0-60NL	No Lead	1/8"	0-60	1.0 PSI	100
PG15CBM-0-100		1/8"	0-100	1.0 PSI	100
PG15CBM-0-100NL	No Lead	1/8"	0-100	1.0 PSI	100
PG15CBM-0-160		1/8"	0-160	2.0 PSI	100
PG15CBM-0-160NL	No Lead	1/8"	0-160	2.0 PSI	100
PG15CBM-0-200NL	No Lead	1/8"	0-200	2.0 PSI	100

2" - CENTER BACK MOUNT PRESSURE GAUGES

These pressure gauges are general purpose but are not for use with oxygen.

• No Lead Gauges: NSF/ANSI Standard 372 Certified

Dial Size: 2"

Mount: CBM



Part No.	Mount Size	Dial Range PSI	Increments	Quantity	
				L1	L2
Dry, Connection: Brass, Case Material: Black Steel, Accuracy: 3%-2%-3% Grade B Temperature Range: -40°F to 140°F (-40°C to 60°C)					
PGCBM-0-100NL	No Lead	1/8"	0-100	1.0 PSI	100
PGCBM-1-30NL	No Lead	1/4"	0-30	0.5 PSI	100
PGCBM-1-60		1/4"	0-60	1.0 PSI	100
PGCBM-1-60NL	No Lead	1/4"	0-60	1.0 PSI	100
PGCBM-1-100		1/4"	0-100	1.0 PSI	100
PGCBM-1-100NL	No Lead	1/4"	0-100	1.0 PSI	100
PGCBM-1-160		1/4"	0-160	2.0 PSI	100
PGCBM-1-160NL	No Lead	1/4"	0-160	2.0 PSI	100
PGCBM-1-200		1/4"	0-200	2.0 PSI	100
PGCBM-1-200NL	No Lead	1/4"	0-200	2.0 PSI	100



Dry, Connection: Brass, Case Material: ABS, Accuracy: 3%-2%-3% Grade B Temperature Range: -40°F to 140°F (-40°C to 60°C)					
PGPCBM-1-60		1/4"	0-60	1.0 PSI	100
PGPCBM-1-60NL	No Lead	1/4"	0-60	1.0 PSI	100



Liquid, Connection: Brass, Fill: Glycerine, Case Material: Black Steel, Accuracy: +/- 1.5% Full Scale Value Temperature Range: -4°F to 140°F (-20°C to 60°C) Ideal for use where vibration or pressure pulsation occurs.					
PGCBM-0-100-G		1/8"	0-100	1.0 PSI	100
PGCBM-0-100-GNL	No Lead	1/8"	0-100	1.0 PSI	100
PGCBM-1-100-GNL	No Lead	1/4"	0-100	1.0 PSI	100



Liquid, Connection: Stainless Steel, Fill: Glycerine, Case Material: 304 Stainless Steel, Accuracy: 3%-2%-3% Grade B, Temperature Range: -4°F to 140°F (-20°C to 60°C) Ideal for use where vibration or pressure pulsation occurs.					
PGSCBM-100-G	No Lead	1/4"	0-100	1.0 PSI	100

Contact your sales rep for any further information

Toll Free: 1-800-561-3164

boshart.com

2" - LOWER MOUNT PRESSURE GAUGES

These pressure gauges are general purpose but are not for use with oxygen.

• No Lead Gauges: NSF/ANSI Standard 372 Certified

Dial Size: 2"

Mount: LM



Part No.	Mount Size	Dial Range PSI	Increments	Quantity	
				L1	L2
Dry, Connection: Brass, Case Material: Black Steel, Accuracy: 3%-2%-3% Grade B Temperature Range: -40°F to 140°F (-40°C to 60°C)					
PG-0-100NL	No Lead	1/8"	0-100	1.0 PSI	100
PG-15NL	No Lead	1/4"	0-15	0.2 PSI	100
PG-30		1/4"	0-30	0.5 PSI	100
PG-30NL	No Lead	1/4"	0-30	0.5 PSI	100
PG-60		1/4"	0-60	1.0 PSI	100
PG-60NL	No Lead	1/4"	0-60	1.0 PSI	100
PG-100		1/4"	0-100	1.0 PSI	100
PG-100NL	No Lead	1/4"	0-100	1.0 PSI	100
PG-160		1/4"	0-160	2.0 PSI	100
PG-160NL	No Lead	1/4"	0-160	2.0 PSI	100
PG-200		1/4"	0-200	2.0 PSI	100
PG-200NL	No Lead	1/4"	0-200	2.0 PSI	100
PG-300		1/4"	0-300	5.0 PSI	100
PG-300NL	No Lead	1/4"	0-300	5.0 PSI	100



Dry, Connection: Brass, Case Material: ABS, Accuracy: 3%-2%-3% Grade B Temperature Range: -40°F to 140°F (-40°C to 60°C)					
PGP-0-60		1/8"	0-60	1.0 PSI	100
PGP-30		1/4"	0-30	0.5 PSI	100
PGP-30NL	No Lead	1/4"	0-30	0.5 PSI	100
PGP-60		1/4"	0-60	1.0 PSI	100
PGP-60NL	No Lead	1/4"	0-60	1.0 PSI	100
PGP-100NL	No Lead	1/4"	0-100	1.0 PSI	100
PGP-200NL	No Lead	1/4"	0-200	2.0 PSI	100



Dry Vacuum, Connection: Brass, Case Material: Black Steel, Accuracy: 3%-2%-3% Grade B Temperature Range: -40°F to 140°F (-40°C to 60°C)					
PGV-30		1/4"	30-0Hg	0.5 PSI	100



Dry Vacuum/Pressure, Connection: Brass, Case Material: Black Steel, Accuracy: 3%-2%-3% Grade B Temperature Range: -40°F to 140°F (-40°C to 60°C)					
PGC-30-30		1/4"	30Hg-0-30	0.5 PSI	100
PGC-30-150		1/4"	30Hg-0-150	1.0 PSI	100



Liquid, Connection: Brass, Fill: Glycerine, Case Material: Black Steel, Accuracy: +/- 1.5% Full Scale Value Temperature Range: -4°F to 140°F (-20°C to 60°C) Ideal for use where vibration or pressure pulsation occurs.					
PG-30-GNL	No Lead	1/4"	0-30	0.5 PSI	100
PG-60-GNL	No Lead	1/4"	0-60	1.0 PSI	100
PG-100-GNL	No Lead	1/4"	0-100	1.0 PSI	100
PG-160-GNL	No Lead	1/4"	0-160	2.0 PSI	100
PG-200-GNL	No Lead	1/4"	0-200	2.0 PSI	100



Liquid, Connection: Stainless Steel, Fill: Glycerine, Case Material: 304 Stainless Steel, Accuracy: 3%-2%-3% Grade B, Temperature Range: -4°F to 140°F (-20°C to 60°C) Ideal for use where vibration or pressure pulsation occurs.					
PGS-100-G	No Lead	1/4"	0-100	1.0 PSI	100



Liquid Vacuum/Pressure, Connection: Brass, Fill: Glycerine, Case Material: Black Steel, Accuracy: +/- 1.5% Full Scale Value, Temperature Range: -4°F to 140°F (-20°C to 60°C) Ideal for use where vibration or pressure pulsation occurs.					
PGC-30-30-G		1/4"	30Hg-0-30	0.5 PSI	100

Contact your sales rep for any further information

Toll Free: 1-800-561-3164

boshart.com

2-1/2" - CENTER BACK MOUNT PRESSURE GAUGES

These pressure gauges are general purpose but are not for use with oxygen.

• No Lead Gauges: NSF/ANSI Standard 372 Certified

Dial Size: 2-1/2"

Mount: CBM

Part No.	Mount Size	Dial Range		Increments	Quantity	
		PSI	kPa		L1	L2



**Dry, Connection: Stainless Steel, Case Material: 304 Stainless Steel, Accuracy: +/- 1.5% Full Scale Value
Temperature Range: -40°F to 140°F (-40°C to 60°C)
Ideal for use in corrosive environments.**

PGS25CBM-15	No Lead	1/4"	0-15	0-100	0.2 PSI	
PGS25CBM-30	No Lead	1/4"	0-30	0-200	0.5 PSI	50
PGS25CBM-60	No Lead	1/4"	0-60	0-400	1.0 PSI	50
PGS25CBM-100	No Lead	1/4"	0-100	0-700	1.0 PSI	50
PGS25CBM-160	No Lead	1/4"	0-160	0-1100	2.0 PSI	50
PGS25CBM-200	No Lead	1/4"	0-200	0-1400	2.0 PSI	50
PGS25CBM-300	No Lead	1/4"	0-300	0-2000	5.0 PSI	50
PGS25CBM-400	No Lead	1/4"	0-400	0-2800	5.0 PSI	50
PGS25CBM-600	No Lead	1/4"	0-600	0-4000	10.0 PSI	50
PGS25CBM-2000	No Lead	1/4"	0-2000	0-14000	20.0 PSI	
PGS25CBM-3000	No Lead	1/4"	0-3000	0-20000	50.0 PSI	
PGS25CBM-5000	No Lead	1/4"	0-5000	0-35000	50.0 PSI	
PGS25CBM-10000	No Lead	1/4"	0-10000	0-70000	100.0 PSI	



**Dry Vacuum/Pressure, Connection: Stainless Steel, Case Material: 304 Stainless Steel,
Accuracy: +/- 1.5% Full Scale Value, Temperature Range: -40°F to 140°F (-40°C to 60°C)
Ideal for use in corrosive environments.**

PGSC25CBM-30-30	No Lead	1/4"	30Hg-0-30			50
-----------------	---------	------	-----------	--	--	----



**Liquid, Connection: Brass, Fill: Glycerine, Case Material: 304 Stainless Steel,
Accuracy: +/- 1.5% Full Scale Value, Temperature Range: -4°F to 140°F (-20°C to 60°C)
Ideal for use where vibration or pressure pulsation occurs.**

PG25CBM-15-GNL	No Lead	1/4"	0-15	0-100	0.2 PSI	50
PG25CBM-30-GNL	No Lead	1/4"	0-30	0-200	0.5 PSI	50
PG25CBM-60-GNL	No Lead	1/4"	0-60	0-400	1.0 PSI	50
PG25CBM-100-GNL	No Lead	1/4"	0-100	0-700	1.0 PSI	50
PG25CBM-160-GNL	No Lead	1/4"	0-160	0-1100	2.0 PSI	50
PG25CBM-200-GNL	No Lead	1/4"	0-200	0-1400	2.0 PSI	50
PG25CBM-300-GNL	No Lead	1/4"	0-300	0-2000	5.0 PSI	50
PG25CBM-400-GNL	No Lead	1/4"	0-400	0-2800	5.0 PSI	50
PG25CBM-600-GNL	No Lead	1/4"	0-600	0-4000	10.0 PSI	50
2-PG25CBM-1000-G		1/4"	0-1000	0-7000	10.0 PSI	50
2-PG25CBM-1500-G		1/4"	0-1500	0-10000	20.0 PSI	50
2-PG25CBM-2000-G		1/4"	0-2000	0-14000	20.0 PSI	50
2-PG25CBM-3000-G		1/4"	0-3000	0-20000	50.0 PSI	50
2-PG25CBM-4000-G		1/4"	0-4000	0-28000	50.0 PSI	50
2-PG25CBM-5000-G		1/4"	0-5000	0-35000	50.0 PSI	50
2-PG25CBM-10000-G		1/4"	0-10000	0-70000	100.0 PSI	50



**Liquid, Connection: Stainless Steel, Fill: Glycerine, Case Material: 304 Stainless Steel,
Accuracy: +/- 1.5% Full Scale Value, Temperature Range: -4°F to 140°F (-20°C to 60°C)
Ideal for use in corrosive environments.**

PGS25CBM-15-G	No Lead	1/4"	0-15	0-100	0.2 PSI	
PGS25CBM-30-G	No Lead	1/4"	0-30	0-200	0.5 PSI	50
PGS25CBM-60-G	No Lead	1/4"	0-60	0-400	1.0 PSI	50
PGS25CBM-100-G	No Lead	1/4"	0-100	0-700	1.0 PSI	50
PGS25CBM-160-G	No Lead	1/4"	0-160	0-1100	2.0 PSI	50
PGS25CBM-200-G	No Lead	1/4"	0-200	0-1400	2.0 PSI	50
PGS25CBM-300-G	No Lead	1/4"	0-300	0-2000	5.0 PSI	50
PGS25CBM-400-G	No Lead	1/4"	0-400	0-2800	10.0 PSI	50
PGS25CBM-600-G	No Lead	1/4"	0-600	0-4000	10.0 PSI	50
PGS25CBM-1000-G	No Lead	1/4"	0-1000	0-7000	20.0 PSI	
PGS25CBM-2000-G	No Lead	1/4"	0-2000	0-14000	50.0 PSI	
PGS25CBM-3000-G	No Lead	1/4"	0-3000	0-20000	50.0 PSI	
PGS25CBM-5000-G	No Lead	1/4"	0-5000	0-35000	50.0 PSI	
PGS25CBM-10000-G	No Lead	1/4"	0-10000	0-70000	200.0 PSI	

Contact your sales rep for any further information

Toll Free: 1-800-561-3164

boshart.com

2-1/2" - CENTER BACK MOUNT PRESSURE GAUGES



Part No.	Mount Size	Dial Range		Increments	Quantity	
		PSI	kPa		L1	L2
Liquid Vacuum, Connection: Brass, Fill: Glycerine, Case Material: 304 Stainless Steel, Accuracy: +/- 1.5% Full Scale Value, Temperature Range: -4°F to 140°F (-20°C to 60°C) Ideal for use where vibration or pressure pulsation occurs.						
2-PGV25CBM-30-G	1/4"	30-0Hg		0.5 PSI	50	



Liquid Vacuum/Pressure, Connection: Brass, Fill: Glycerine, Case Material: 304 Stainless Steel, Accuracy: +/- 1.5% Full Scale Value, Temperature Range: -4°F to 140°F (-20°C to 60°C) Ideal for use where vibration or pressure pulsation occurs.						
2-PGC25CBM-30-30G	1/4"	30Hg-0-30			50	
2-PGC25CBM-30150G	1/4"	30Hg-0-150			50	

2-1/2" - LOWER MOUNT PRESSURE GAUGES

These pressure gauges are general purpose but are not for use with oxygen.

• No Lead Gauges: NSF/ANSI Standard 372 Certified

Dial Size: 2-1/2"

Mount: LM



Part No.		Mount Size	Dial Range		Increments	Quantity	
			PSI	kPa		L1	L2
Dry, Connection: Brass, Case Material: Black Steel, Accuracy: 3%-2%-3% Grade B Temperature Range: -40°F to 140°F (-40°C to 60°C)							
PG25-15NL	No Lead	1/4"	0-15		0.5 PSI	50	
PG25-30NL	No Lead	1/4"	0-30		0.5 PSI	50	
PG25-60NL	No Lead	1/4"	0-60		1.0 PSI	50	
PG25-100		1/4"	0-100		1.0 PSI	50	
PG25-100NL	No Lead	1/4"	0-100		1.0 PSI	50	
PG25-160		1/4"	0-160		2.0 PSI	50	
PG25-160NL	No Lead	1/4"	0-160		2.0 PSI	50	
PG25-200		1/4"	0-200		2.0 PSI	50	
PG25-200NL	No Lead	1/4"	0-200		2.0 PSI	50	
PG25-300NL	No Lead	1/4"	0-300		5.0 PSI	50	
PG25-400NL	No Lead	1/4"	0-400		5.0 PSI	50	
PG25-600NL	No Lead	1/4"	0-600		10.0 PSI	50	








Dry, Connection: Stainless Steel, Case Material: 304 Stainless Steel, Accuracy: +/- 1.5% Full Scale Value Temperature Range: -40°F to 140°F (-40°C to 60°C) Ideal for use in corrosive environments.							
PGS25-15	No Lead	1/4"	0-15	0-100	0.2 PSI	50	
PGS25-30	No Lead	1/4"	0-30	0-200	0.5 PSI	50	
PGS25-60	No Lead	1/4"	0-60	0-400	1.0 PSI	50	
PGS25-100	No Lead	1/4"	0-100	0-700	1.0 PSI	50	
PGS25-160	No Lead	1/4"	0-160	0-1100	2.0 PSI	50	
PGS25-200	No Lead	1/4"	0-200	0-1400	2.0 PSI	50	
PGS25-300	No Lead	1/4"	0-300	0-2000	5.0 PSI	50	
PGS25-400	No Lead	1/4"	0-400	0-2800	5.0 PSI	50	
PGS25-600	No Lead	1/4"	0-600	0-4000	10.0 PSI	50	
PGS25-1000	No Lead	1/4"	0-1000	0-7000	20.0 PSI	50	
PGS25-1500	No Lead	1/4"	0-1500	0-10000	20.0 PSI	50	
PGS25-2000	No Lead	1/4"	0-2000	0-14000	20.0 PSI	50	
PGS25-3000	No Lead	1/4"	0-3000	0-20000	50.0 PSI	50	
PGS25-5000	No Lead	1/4"	0-5000	0-35000	50.0 PSI	50	
PGS25-10000	No Lead	1/4"	0-10000	0-70000	100.0 PSI	50	

Contact your sales rep for any further information

Toll Free: 1-800-561-3164

boshart.com

2-1/2" - LOWER MOUNT PRESSURE GAUGES

Part No.	Mount Size	Dial Range		Increments	Quantity	
		PSI	kPa		L1	L2
 <p>Dry Low Pressure, Connection: Brass, Case Material: Black Steel, Accuracy: +/- 1.5% Full Scale Value Temperature Range: -4°F to 140°F (-20°C to 60°C) Ideal for use in low pressure pneumatic systems.</p>						
PG25-0-5PSI	1/4"	0-5		0.1 PSI		
PG25-0-10PSI	1/4"	0-10		0.2 PSI		
PG25-0-15IN	1/4"	0-15 in H2O		0.2 PSI		
PG25-0-30IN	1/4"	0-30 in H2O		0.5 PSI		
PG25-0-60IN	1/4"	0-60 in H2O		1.0 PSI		
PG25-0-100IN	1/4"	0-100 in H2O		2.0 PSI		
PG25-0-200IN	1/4"	0-200 in H2O		5.0 PSI		
 <p>Dry Vacuum, Connection: Stainless Steel, Case Material: 304 Stainless Steel, Accuracy: +/- 1.5% Full Scale Value, Temperature Range: -40°F to 140°F (-40°C to 60°C) Ideal for use in corrosive environments.</p>						
PGSV25-30	No Lead	1/4"	30-0Hg	0.5 PSI		50
 <p>Dry Vacuum/Pressure, Connection: Brass, Case Material: Black Steel, Accuracy: 3%-2%-3% Grade B Temperature Range: -40°F to 140°F (-40°C to 60°C)</p>						
PGC25-30-0-15		1/4"	30Hg-0-15			50
 <p>Dry Vacuum/Pressure, Connection: Stainless Steel, Case Material: 304 Stainless Steel, Accuracy: +/- 1.5% Full Scale Value, Temperature Range: -40°F to 140°F (-40°C to 60°C) Ideal for use in corrosive environments.</p>						
PGSC25-30-30	No Lead	1/4"	30Hg-0-30			50
 <p>Liquid, Connection: Brass, Fill: Glycerine, Case Material: 304 Stainless Steel, Accuracy: +/- 1.5% Full Scale Value, Temperature Range: -4°F to 140°F (-20°C to 60°C) Ideal for use where vibration or pressure pulsation occurs.</p>						
PG25-15-GNL	No Lead	1/4"	0-15	0-100	0.2 PSI	50
PG25-30-GNL	No Lead	1/4"	0-30	0-200	0.5 PSI	50
PG25-60-GNL	No Lead	1/4"	0-60	0-400	1.0 PSI	50
PG25-100-GNL	No Lead	1/4"	0-100	0-700	1.0 PSI	50
PG25-160-GNL	No Lead	1/4"	0-160	0-1100	2.0 PSI	50
PG25-200-GNL	No Lead	1/4"	0-200	0-1400	2.0 PSI	50
PG25-300-GNL	No Lead	1/4"	0-300	0-2000	5.0 PSI	50
PG25-400-GNL	No Lead	1/4"	0-400	0-2800	5.0 PSI	50
PG25-600-GNL	No Lead	1/4"	0-600	0-4000	10.0 PSI	50
2-PG25-1000-G		1/4"	0-1000	0-7000	10.0 PSI	50
2-PG25-1500-G		1/4"	0-1500	0-10000	20.0 PSI	50
2-PG25-2000-G		1/4"	0-2000	0-14000	20.0 PSI	50
2-PG25-3000-G		1/4"	0-3000	0-20000	50.0 PSI	50
2-PG25-4000-G		1/4"	0-4000	0-28000	50.0 PSI	50
2-PG25-5000-G		1/4"	0-5000	0-35000	50.0 PSI	50
2-PG25-10000-G		1/4"	0-10000	0-70000	100.0 PSI	50

2-1/2" - LOWER MOUNT PRESSURE GAUGES

Part No.	Mount Size	Dial Range		Increments	Quantity	
		PSI	kPa		L1	L2



Liquid, Connection: Stainless Steel, Fill: Glycerine, Case Material: 304 Stainless Steel, Accuracy: +/- 1.5% Full Scale Value, Temperature Range: -4°F to 140°F (-20°C to 60°C)
Ideal for use in corrosive environments.

PGS25-15-G	No Lead	1/4"	0-15	0-100	0.2 PSI	50
PGS25-30-G	No Lead	1/4"	0-30	0-200	0.5 PSI	50
PGS25-60-G	No Lead	1/4"	0-60	0-400	1.0 PSI	50
PGS25-100-G	No Lead	1/4"	0-100	0-700	1.0 PSI	50
PGS25-160-G	No Lead	1/4"	0-160	0-1100	2.0 PSI	50
PGS25-200-G	No Lead	1/4"	0-200	0-1400	2.0 PSI	50
PGS25-300-G	No Lead	1/4"	0-300	0-2000	5.0 PSI	50
PGS25-400-G	No Lead	1/4"	0-400	0-2800	10.0 PSI	50
PGS25-600-G	No Lead	1/4"	0-600	0-4000	10.0 PSI	50
PGS25-1000-G	No Lead	1/4"	0-1000	0-7000	20.0 PSI	50
PGS25-1500-G	No Lead	1/4"	0-1500	0-10000	20.0 PSI	50
PGS25-2000-G	No Lead	1/4"	0-2000	0-14000	50.0 PSI	50
PGS25-3000-G	No Lead	1/4"	0-3000	0-20000	50.0 PSI	50
PGS25-5000-G	No Lead	1/4"	0-5000	0-35000	50.0 PSI	50
PGS25-10000-G	No Lead	1/4"	0-10000	0-70000	200.0 PSI	50



Liquid Vacuum, Connection: Brass, Fill: Glycerine, Case Material: 304 Stainless Steel, Accuracy: +/- 1.5% Full Scale Value, Temperature Range: -4°F to 140°F (-20°C to 60°C)
Ideal for use where vibration or pressure pulsation occurs.

2-PGV25-30-G		1/4"	30-0Hg		0.5 PSI	50
--------------	--	------	--------	--	---------	----



Liquid Vacuum, Connection: Stainless Steel, Fill: Glycerine, Case Material: 304 Stainless Steel, Accuracy: +/- 1.5% Full Scale Value, Temperature Range: -4°F to 140°F (-20°C to 60°C)
Ideal for use in corrosive environments.

PGSV25-30-G	No Lead	1/4"	30-0Hg		0.5 PSI	50
-------------	---------	------	--------	--	---------	----



Liquid Vacuum/Pressure, Connection: Brass, Fill: Glycerine, Case Material: 304 Stainless Steel, Accuracy: +/- 1.5% Full Scale Value, Temperature Range: -4°F to 140°F (-20°C to 60°C)
Ideal for use where vibration or pressure pulsation occurs.

2-PGC25-30-30-G		1/4"	30Hg-0-30			50
2-PGC25-30-150-G		1/4"	30Hg-0-150			50



Liquid Vacuum/Pressure, Connection: Stainless Steel, Fill: Glycerine, Case Material: 304 Stainless Steel, Accuracy: +/- 1.5% Full Scale Value, Temperature Range: -4°F to 140°F (-20°C to 60°C)
Ideal for use in corrosive environments.

PGSC25-30-30-G	No Lead	1/4"	30Hg-0-30			10
----------------	---------	------	-----------	--	--	----

4" - LOWER MOUNT PRESSURE GAUGES

These pressure gauges are general purpose but are not for use with oxygen.

• No Lead Gauges: NSF/ANSI Standard 372 Certified

Dial Size: 4"

Mount: LM

Part No.	Mount Size	Dial Range		Increments	Quantity	
		PSI	kPa		L1	L2



Dry, Connection: Brass, Case Material: Black Steel, Accuracy: +/- 2.5% Full Scale Value, Temperature Range: -40°F to 140°F (-40°C to 60°C)

PG40-30NL	No Lead	1/4"	0-30	0-200	0.5 PSI	50
PG40-60NL	No Lead	1/4"	0-60	0-400	1.0 PSI	50
PG40-100NL	No Lead	1/4"	0-100	0-700	1.0 PSI	50
PG40-160NL	No Lead	1/4"	0-160	0-1100	2.0 PSI	50
PG40-200NL	No Lead	1/4"	0-200	0-1400	2.0 PSI	50
PG40-300NL	No Lead	1/4"	0-300	0-2000	5.0 PSI	50

Contact your sales rep for any further information

Toll Free: 1-800-561-3164

boshart.com

4" - LOWER MOUNT PRESSURE GAUGES



Part No.	Mount Size	Dial Range		Increments	Quantity	
		PSI	kPa		L1	L2
Liquid, Connection: Brass, Case Material: 304 Stainless Steel, Accuracy: +/- 1.5% Full Scale Value						
Temperature Range: -4°F to 140°F (-20°C to 60°C)						
Ideal for use where vibration or pressure pulsation occurs.						
PG40-15-GNL	No Lead	1/4"	0-15	0-100	0.2 PSI	20
PG40-30-GNL	No Lead	1/4"	0-30	0-200	0.5 PSI	20
PG40-60-GNL	No Lead	1/4"	0-60	0-400	1.0 PSI	20
PG40-100-GNL	No Lead	1/4"	0-100	0-700	1.0 PSI	20
PG40-160-GNL	No Lead	1/4"	0-160	0-1100	2.0 PSI	20
PG40-200-GNL	No Lead	1/4"	0-200	0-1400	2.0 PSI	20
PG40-300-GNL	No Lead	1/4"	0-300	0-2000	5.0 PSI	20
PG40-400-GNL	No Lead	1/4"	0-400	0-2800	5.0 PSI	20
PG40-600-GNL	No Lead	1/4"	0-600	0-4000	10.0 PSI	20
PG40-1000-G		1/4"	0-1000	0-7000	10.0 PSI	20
PG40-1500-G		1/4"	0-1500	0-10000	20.0 PSI	20
PG40-2000-G		1/4"	0-2000	0-14000	20.0 PSI	20
PG40-3000-G		1/4"	0-3000	0-20000	50.0 PSI	20
PG40-5000-G		1/4"	0-5000	0-35000	50.0 PSI	20
PG40-10000-G		1/4"	0-10000	0-70000	100.0 PSI	20

4-1/2" - LOWER MOUNT PRESSURE GAUGES

These pressure gauges are general purpose but are not for use with oxygen. These gauges feature an extra large dial face with a re adjustable pointer.

• No Lead Gauges: NSF/ANSI Standard 372 Certified

Dial Size: 4-1/2"

Mount: LM



Part No.	Mount Size	Dial Range		Increments	Quantity	
		PSI	kPa		L1	L2
Dry, Connection: Brass, Case Material: 304 Stainless Steel, Accuracy: +/- 1% Full Scale Value						
Temperature Range: -40°F to 140°F (-40°C to 60°C)						
PG45-15NL	No Lead	1/4"	0-15	0-100	0.2 PSI	20
PG45-30NL	No Lead	1/4"	0-30	0-200	0.5 PSI	20
PG45-60NL	No Lead	1/4"	0-60	0-400	1.0 PSI	20
PG45-100NL	No Lead	1/4"	0-100	0-700	1.0 PSI	20
PG45-160NL	No Lead	1/4"	0-160	0-1100	2.0 PSI	20
PG45-200NL	No Lead	1/4"	0-200	0-1400	2.0 PSI	20
PG45-300NL	No Lead	1/4"	0-300	0-2000	5.0 PSI	20
PG45-400NL	No Lead	1/4"	0-400	0-2800	5.0 PSI	20
PG45-600NL	No Lead	1/4"	0-600	0-4000	10.0 PSI	20
Dry Vacuum, Connection: Brass, Case Material: 304 Stainless Steel, Accuracy: +/- 1% Full Scale Value						
Temperature Range: -40°F to 140°F (-40°C to 60°C)						
PGV45-30		1/4"	30-0Hg		0.5 PSI	20
Dry Vacuum/Pressure, Connection: Brass, Case Material: 304 Stainless Steel, Accuracy: +/- 1% Full Scale Value						
Temperature Range: -40°F to 140°F (-40°C to 60°C)						
PGC45-30-30		1/4"	30Hg-0-30			20
Dry Water Level, Connection: Brass, Case Material: 304 Stainless Steel, Accuracy: 3%-2%-3% Grade B						
PG45-WL		1/4"	0-390 in H2O		0.2 PSI	20

Contact your sales rep for any further information

Toll Free: 1-800-561-3164

boshart.com

PRESSURE GAUGE ACCESSORIES

These accessories are for pressure gauges.

	Part No.	Size	Description	Quantity	
				L1	L2
	Front Flange				
	PG25CBM-FF		For 2-1/2" dial back mount gauges - 3 holes	100	
	U-Clamp				
	PG25CBM-UC		For 2-1/2" dial - u-clamp	100	
	Restrictor Screw				
	2-PG25-RS		For 2- series gauges	100	
	Glycerine				
	PGA-G-1L		For liquid filled gauges	6	
	Steel Pig Tail Syphon				
	PGA-PTS-02		Schedule 40 steel pipe	50	100
	Brass Pig Tail Syphon				
	PGA-PTB-02		Schedule 40 red brass pipe	50	100
	Snubber				
	2-PGA-BS-G	1/4"	For air and other gases - Viscosity Range 15	100	
	2-PGA-BS-E	1/4"	For gasoline, water or light oil - Viscosity range 25	100	
	2-PGA-BS-D	1/4"	For heavy oils - Viscosity range: 50	100	

WATER TEST GAUGES

This gauge provides a quick and easy way to test a wide range of pressure systems for leakage. This gauge attaches to hose bibbs, boiler drains and lawn faucets. Often used in conjunction with rubber test caps offering a quick and easy way to fill and drain water used for testing in sewer, drain and waste water systems. The connection swivels to allow for easier installation.

Mount: GHT, Accuracy: 3%-2%-3% Grade B

Part No.	Mount Size	Dial Range PSI	Quantity	
			L1	L2
Water Test, Dial Size: 2-1/2", Temperature Range: -40°F to 140°F (-40°C to 60°C)				
PG25-WTG300	3/4"	0-300	50	
Water Test with Indicator Pointer, Dial Size: 2-1/2", Temperature Range: -40°F to 140°F (-40°C to 60°C) The indicator pointer is ideal for recording the maximum system pressure reached. The pointer can be reset by turning the external knob counter clockwise.				
PG25-WTG200MP	3/4"	0-200	50	
PG25-WTG300MP	3/4"	0-300	50	



Contact your sales rep for any further information

Toll Free: 1-800-561-3164

boshart.com

GAS TEST MANIFOLDS

This test gauge package provides a quick and easy means of pressurizing and monitoring a gas system for leakage. Gauges sold separately.



Part No.	Size	Quantity	
		L1	L2
Built in snifter valve.			
PG-GTM	Manifold with Snifter Valve	3/4" FPT	100
Trouble free way to test gas systems.			
PG-GTMC	Manifold	3/4" x 1/4" FPT	16
PG-GTMC-SV	Manifold with Snifter Valve	3/4" x 1/4" FPT	100

GAS TEST GAUGE WITH MANIFOLD

This test gauge package provides a quick and easy means of pressurizing and monitoring a gas system for leakage. Gauges are included in these packages.



Part No.	Dial Range PSI	Increments	Quantity	
			L1	L2
Gas Test with Malleable Manifold, Dial Size: 2", Case Material: Black Steel, Trouble free way to test gas systems.				
PG-GTMC-15	0-15	0.2 PSI	50	
PG-GTMC-30	0-30	0.5 PSI	50	
PG-GTMC-60	0-60	1.0 PSI	50	
Gas Test with Chrome Plated Manifold, Dial Size: 2", Case Material: Black Steel, Built in snifter valve.				
PG-GT15	0-15	0.2 PSI	50	
PG-GT30	0-30	0.5 PSI	50	
PG-GT100	0-100	1.0 PSI	50	
PG-GT200	0-200	2.0 PSI	50	
Gas Test with Malleable Manifold, Dial Size: 2-1/2", Case Material: Black Steel, Trouble free way to test gas systems.				
PG-GTMC25-15	0-15	0.2 PSI	50	
PG-GTMC25-30	0-30	0.5 PSI	50	
PG-GTMC25-60	0-60	1.0 PSI	50	
PG-GTMC25-100	0-100	1.0 PSI	50	

TRIDICATORS

These tridicators are for general purpose industrial use. They are a combination of a pressure gauge and a thermometer consisting of a bourdon tube and a coiled bi-metal element.

Connection: Brass, Accuracy: Pressure +/- 3% - 2% - 3% Temperature +/- 2%



Part No.	Gauge Type	Mount	Dial Range		Temperature Range	Quantity	
			PSI	kPa		L1	L2

Dial Size: 2-1/2", Case Material: Red Steel, Connection Size: 1/4"

TR25-CB1-60/250	Standard	CBM	0-75	0-500	30°F to 250°F (0°C to 120°C)	100	
TR25X1-CB1-60/250	Extended	CBM	0-75	0-500	30°F to 250°F (0°C to 120°C)	75	

Dial Size: 3", Case Material: Black Steel, Connection Size: 1/2" Adjustable indicator included.

TR30-CB2-60/250	Standard	CBM	0-75	0-500	30°F to 250°F (0°C to 120°C)	50	
TR30-CB2S-60/250	Short	CBM	0-75	0-500	30°F to 250°F (0°C to 120°C)	50	
TR30-LM2-60/250	Standard	LM	0-75	0-500	30°F to 250°F (0°C to 120°C)	50	
TR30-LM2-80/290	Standard	LM	0-200	0-1400	80°F to 290°F (26°C to 143°C)	50	

BI-METAL THERMOMETERS



These are general purpose industrial thermometers. They use a coiled bi-metal element.

Temperature Range: 32°F to 250°F (0°C to 120°C) Maximum Pressure: 87 PSI

Case Material: Aluminum,

Mount: CBM, Accuracy: +/- 2% Working Range

Part No.	Mount Size	Dial Size	Quantity	
			L1	L2

Connection: Brass

TW25-CB2-250-25	1/2"	2-1/2"	150	
TW30-CB2-250-25	1/2"	3"	100	

Connection: Stainless Steel

TW25-CB2-250-SS25	1/2"	2-1/2"	150	
-------------------	------	--------	-----	--

THERMOWELL

For use with TW25-CB2-250-25



Part No.	Description	Quantity	
		L1	L2
TW-05/40MM	1/2" MPT	5	100

HOT WATER THERMOMETERS



These thermometers are general purpose for use with hot water.

Temperature Range: 40°F to 280°F (5°C to 135°C)

Part No.	Gauge Type	Mount Size	Quantity	
			L1	L2

Connection: Brass, Fill: Red Organic Keerosene

THW8-A2-280	Angle	1/2"	50	
THW8-S2-280	Straight	1/2"	50	

Contact your sales rep for any further information

Toll Free: 1-800-561-3164

boshart.com

ELECTRODES

These electrodes are 2" long and assembled in molded plastic insulating shields. They suspend at desired levels in the well by means of suspension wire. A system ground return circuit is required from the indicated relay terminal to the liquid in order to complete the secondary circuit of relay. Connection should be made directly to uninsulated metal tank, or to metal pipe connected to tank below normal low liquid level. In wells, or insulated tanks, use an extra common electrode extending slightly below the longest operating electrode.

- Operating Temperature up to 150°F (65.6°C)
- Length of Lead Wires up to 900 feet (274.3m)



Part No.	Quantity
	L1 L2
ELS	
ELB	

FLOATLESS LIQUID LEVEL CONTROL SYSTEMS



These floatless liquid level control systems provide automatic low level cut-off protection for submersible pumps and deep well turbines. They operate from two types of electrodes suspended at desired levels. Permits efficient operation at full capacity and eliminates danger of pumping air or sand.

LH Relay is a pump down control for sewage & sump pump and condensate return systems.

RH Relay is a pump up control for supply pumps on elevated tanks and towers.

DH Relay is a two way control system for pump up or pump down.

Part No.	Switch Feature	Model Number	Voltage	Quantity
				L1 L2
DH-115	Pump Up or Down - Submersible or Open System	1500-G-L1-S8-NI-X	115/360 V	
DH-230	Pump Up or Down - Submersible or Open System	1500-G-L2-S8-NI-X	230/360 V	
LH-115	Pump Down - Submersible	1500-C-L1-S8-NI-X	115/360 V	
LH-230	Pump Down - Submersible	1500-C-L2-S8-NI-X	230/360 V	
RH-115	Pump Up - Open System	1500-D-L1-S8-NI-X	115/360 V	
RH-230	Pump Up - Open System	1500-D-L2-S8-NI-X	230/360 V	

SMALL WATER PUMP PRESSURE SWITCHES

Boshart

These standard water pump switches are designed for the control of electrically driven water pumps of all types (Jets, Submersible, Reciprocating, etc.)

- Standard action - contacts open on rising pressure
- NSF/ANSI Standard 372 Certified
- UL Listed
- CSA Approved



Part No.	Pressure Setting	Differential	Pack Type	Quantity	
				L1	L2
Connection: 1/4" FPT					
Standard Duty, Nema 1 - General Purpose					
PS02-2040	20-40 PSI	15-30 PSI	Individual	20	
PS02-3050	30-50 PSI	15-30 PSI	Individual	20	
PS02-4060	40-60 PSI	15-30 PSI	Individual	20	
Connection: 1/4" MPT					
Standard Duty, Nema 1 - General Purpose					
PS02M-3050	30-50 PSI	15-30 PSI	Individual	20	
PS02M-4060	40-60 PSI	15-30 PSI	Individual	20	
Connection: 1/4" Barb					
Standard Duty, Nema 1 - General Purpose					
PS02B-3050	30-50 PSI	15-30 PSI	Individual	20	
Connection: 1/4" FPT					
Low Level Cut Off Switch, Nema 1 - General Purpose					
PS02LP-2040	20-40 PSI	15-30 PSI	Individual	20	
PS02LP-3050	30-50 PSI	15-30 PSI	Individual	20	
PS02LP-4060	40-60 PSI	15-30 PSI	Individual	20	
Connection: 1/4" FPT					
Auto/Manual Off, Nema 1 - General Purpose					
PS02AO-3050	30-50 PSI	15-30 PSI	Individual	20	
PS02AO-4060	40-60 PSI	15-30 PSI	Individual	20	
Connection: 1/4" FPT					
Pulsation Plug, Nema 1 - General Purpose					
PS02P-3050	30-50 PSI	15-30 PSI	Individual	20	
PS02P-4060	40-60 PSI	15-30 PSI	Individual	20	

PULSATION PLUG

Pulsation plugs reduce passage slowing the water flow in and out of the diaphragm chamber, eliminating rapid pressure fluctuations on the diaphragm. This prevents rapid On - Off cycling which would render the switch inoperable. The pulsation plug is typically used for piston pumps and other types of reciprocating pumps, including plunger and diaphragm pumps. The plug can be field installed into any brand of pressure switch with a 1/4" FPT connection.

Part No.	Description	Quantity	
		L1	L2
PS02-PP	For 1/4" FPT	10	1000



Contact your sales rep for any further information

Toll Free: 1-800-561-3164

boshart.com

SMALL WATER PUMP PRESSURE SWITCHES

Telemecanique

Designed for the control of electrically driven water pumps. Diaphragm actuated.

- FSG is the standard water pump switch, suitable for all types of pumps: jets, submersible, reciprocating, etc.
- FYG is designed to meet higher horsepower and pressure requirements.
- FRG is reverse acting: contacts open on falling pressure.

Sample part number: Class 9013, Type FSG2, Pressure Code J20, Form C20

Part No.	Pressure Setting	Differential	Pack Type	Quantity	
				L1	L2



Connection: 1/4" FPT
Standard Duty, Nema 1 - General Purpose

9013FSG52J33	50-70 PSI	20-30 PSI	Individual	20	
9013FSG52J25	60-80 PSI	20-30 PSI	Individual	1	20
9013FSG2J24C20	40-60 PSI	15-30 PSI	Bulk	20	
9013FSG2J24	40-60 PSI	15-30 PSI	Individual	50	
9013FSG2J21C20	30-50 PSI	15-30 PSI	Bulk	20	
9013FSG2J21	30-50 PSI	15-30 PSI	Individual	50	
9013FSG2J20C20	20-40 PSI	15-30 PSI	Bulk	20	
9013FSG2J20	20-40 PSI	15-30 PSI	Individual	50	



Connection: 1/4" MPT
Standard Duty, Nema 1 - General Purpose

9013FSG9J24	40-60 PSI	15-30 PSI	Individual	1	
9013FSG9J21	30-50 PSI	15-30 PSI	Individual	1	
9013FSG9J20	20-40 PSI	15-30 PSI	Individual	1	



Connection: 1/4" Barb
Standard Duty, Nema 1 - General Purpose

9013FSG14J21	30-50 PSI	15-30 PSI	Individual	1	
--------------	-----------	-----------	------------	---	--



Connection: Mini Barb
Standard Duty, Nema 1 - General Purpose

9013FSG10J21	30-50 PSI	15-30 PSI	Individual	1	
--------------	-----------	-----------	------------	---	--



Connection: 1/4" FPT
Medium Duty, Nema 1 - General Purpose

9013FYG2J33	50-70 PSI	20-30 PSI	Individual	1	
9013FYG2J25	60-80 PSI	20-30 PSI	Individual	1	
9013FYG2J24	40-60 PSI	20-30 PSI	Individual	1	
9013FYG2J21	30-50 PSI	20-30 PSI	Individual	1	
9013FYG2J20C20	20-40 PSI	20-30 PSI	Bulk	20	



Connection: 1/4" FPT
Medium Duty Low Pressure Cut Off, Nema 1 - General Purpose

9013FYG2J25M4	60-80 PSI	20-30 PSI	Individual	1	
9013FYG2J24M4	40-60 PSI	20-30 PSI	Individual	1	
9013FYG2J21M4	30-50 PSI	20-30 PSI	Individual	1	



Connection: 1/4" FPT
Manual Cut Out Lever, Nema 1 - General Purpose

9013FSG2J24M1	40-60 PSI	15-30 PSI	Individual	40	
9013FSG2J21M1	30-50 PSI	15-30 PSI	Individual	1	40
9013FSG2J20M1	20-40 PSI	15-30 PSI	Individual	40	

Contact your sales rep for any further information

Toll Free: 1-800-561-3164

boshart.com

SMALL WATER PUMP PRESSURE SWITCHES

Part No.	Pressure Setting	Differential	Pack Type	Quantity	
				L1	L2



Connection: 1/4" FPT
Low Pressure Cut Off, Nema 1 - General Purpose

9013FSG2J24M4C20	40-60 PSI	15-30 PSI	Bulk	20
9013FSG2J24M4	40-60 PSI	15-30 PSI	Individual	40
9013FSG2J21M4C20	30-50 PSI	15-30 PSI	Bulk	20
9013FSG2J21M4	30-50 PSI	15-30 PSI	Individual	40
9013FSG2J20M4	20-40 PSI	15-30 PSI	Individual	40



Connection: 1/4" FPT
Pulsation Plug, Nema 1 - General Purpose

9013FSG2J24P	40-60 PSI	15-30 PSI	Individual	1
9013FSG2J21PC20	30-50 PSI	15-30 PSI	Bulk	20
9013FSG2J21P	30-50 PSI	15-30 PSI	Individual	1
9013FSG2J20P	20-40 PSI	15-30 PSI	Individual	1



Connection: 1/4" MPT
Pulsation Plug, Nema 1 - General Purpose

9013FSG9J21P	30-50 PSI	15-30 PSI	Individual	
--------------	-----------	-----------	------------	--



Connection: 1/4" FPT
Reverse Action, Nema 1 - General Purpose

9013FRG42J36	10-5 PSI	5 PSI	Individual	1
9013FRG2J35	50-30 PSI	15-30 PSI	Individual	1
9013FRG2J23	40-20 PSI	15-30 PSI	Individual	1
9013FRG22J22	22-12 PSI	6-20 PSI	Individual	1



Connection: 1/4" FPT
Reverse Action - Auto On, Nema 1 - General Purpose

9013FRG2J23M5	40-20 PSI	15-30 PSI	Individual	1
---------------	-----------	-----------	------------	---

COMMERCIAL / LIGHT INDUSTRIAL PRESSURE SWITCHES

Telemecanique

Class 9013 Type G Pumptrol pressure switches are designed to control electrically driven water pumps and air compressors. These devices cover higher electrical ratings for directly controlling motors in pump and compressor applications.

- Contacts open on pressure rise
- Diaphragm actuated

Sample part number: Class 9013, Type GHG2, Pressure Code J30, Form X

Part No.	Pressure Setting	Differential	Quantity	
			L1	L2
Connection: 1/4" FPT Standard Duty, Nema 1 - General Purpose				
9013GSG2J25	60-80 PSI	15-30 PSI	1	
9013GSG2J24	40-60 PSI	15-30 PSI	1	
9013GSG2J21	30-50 PSI	15-30 PSI	1	
9013GSG2J20	20-40 PSI	15-30 PSI	1	
9013GHG2J63	145-175 PSI	20-40 PSI	1	
9013GHG2J62	140-175 PSI	20-40 PSI	1	
9013GHG2J58	125-150 PSI	20-40 PSI	1	
9013GHG2J57	120-150 PSI	20-40 PSI	1	
9013GHG2J53	100-125 PSI	20-40 PSI	1	
9013GHG2J33	50-70 PSI	20-40 PSI	1	
9013GHG2J31	90-120 PSI	20-40 PSI	1	
9013GHG2J30	80-100 PSI	20-40 PSI	1	
9013GHG2J25	60-80 PSI	20-40 PSI	1	



Connection: 1/4" FPT Standard Duty, Nema 7&9 - Hazardous Location				
9013GSR2J20	20-40 PSI	20-40 PSI	1	



Connection: 1/4" FPT Two Way Pressure Release Valve, Nema 1 - General Purpose				
9013GHG2J63X	145-175 PSI	20-40 PSI	1	
9013GHG2J30X	80-100 PSI	20-40 PSI	1	



COMMERCIAL VACUUM SWITCH

Telemecanique

The 9016GVG1 vacuum switch is a companion to the 9036GG and 9037GG float switches commonly used on vacuum heating pumps. Electrical ratings of float and vacuum switch types are equal.

Sample part number: Class 9016, Type GVG1, Pressure Code J10



Part No.	Pressure Setting	Differential	Pack Type	Quantity	
				L1	L2
Connection: 1/4" FPT Nema 1 - General Purpose					
9016GVG1J10	16.5-25 in HG	5-10 PSI	Individual	1	

SMALL COMPRESSOR PRESSURE SWITCHES

Telemecanique

Class 9013 Type FHG pressure switches are designed for the control of small electrically driven air compressors.

- Contacts open on pressure rise
- Diaphragm actuated

Sample part number: Class 9013, Type FHG32, Pressure Code J55, Form M1



Part No.	Pressure Setting	Differential	Quantity	
			L1	L2
Connection: 1/4" FPT Two Way Pressure Release Valve, Nema 1 - General Purpose				
9013FHG12J52X	OFF-125 PSI	30 PSI	1	
9013FHG12J55X	OFF-150 PSI	30 PSI	1	
9013FHG22J27X	OFF-100 PSI	20 PSI	1	
9013FHG2J27X	OFF-100 PSI	20 PSI	1	
9013FHG32J55X	OFF-150 PSI	30 PSI	1	
9013FHG42J59X	OFF-175 PSI	40 PSI	1	
9013FHG52J59X	OFF-175 PSI	40 PSI	1	



Connection: 1/4" FPT Contacts Open on Pressure Rise, Nema 1 - General Purpose				
9013FHG2J27	OFF-100 PSI	20 PSI	1	



Connection: 1/4" FPT Manual Cut Out Lever, Nema 1 - General Purpose				
9013FHG32J55M1	OFF-150 PSI	30 PSI	1	

Contact your sales rep for any further information

Toll Free: 1-800-561-3164

boshart.com

FLOAT SWITCHES FOR CLOSED TANK - FLOAT AND ROD INCLUDED

Telemecanique



These switches are attached to the tank by means of a 2-1/2" screw-in bushing. An external pointer indicates the float position within the tank when the unit is mounted. Switches come complete with stainless steel float and rod. A Buna N Quad-Ring® seal is used between the float rod and sealing connector.
Sample part number: Class 9037, Type HG31, Form R

Part No.	Switch Feature	Float	Water Level Change	Quantity	
				L1	L2
Nema 1 - General Purpose					
9037HG30	Contacts Close on Liquid Rise	Left Side - 90° Rod Angle	2" to 8-1/4"		1
9037HG31	Contacts Close on Liquid Rise	Right Side - 90° Rod Angle	2" to 11-1/2"		1
Nema 1 - General Purpose					
9037HG31R	Contacts Open on Liquid Rise	Right Side - 90° Rod Angle	2" to 11-1/2"		1
Nema 1 - General Purpose					
9037HG32	Contacts Close on Liquid Rise	Left Side - 90° Rod Angle	2" to 11-1/2"		1
9037HG33	Contacts Close on Liquid Rise	Right Side - 45° Rod Angle	2" to 5"		1
Nema 1 - General Purpose					
9037HG33R	Contacts Open on Liquid Rise	Right Side - 45° Rod Angle	2" to 5"		1
Nema 1 - General Purpose					
9037HG34	Contacts Close on Liquid Rise	Left Side - 45° Rod Angle	2" to 5"		1
9037HG35	Contacts Close on Liquid Rise	Right Side - 90° Rod Angle	2" to 5"		1
9037HG36	Contacts Close on Liquid Rise	Left Side - 90° Rod Angle	2" to 5"		1
9037HG37	Contacts Close on Liquid Rise	Right Side - 90° Rod Angle	2" to 7"		1
9037HG38	Contacts Close on Liquid Rise	Left Side - 90° Rod Angle	2" to 7"		1
Nema 7&9 - Hazardous Location					
9037HR33	Contacts Close on Liquid Rise	Right Side - 45° Rod Angle	2" to 5"		1
Nema 4 - Watertight					
9037HW33	Contacts Close on Liquid Rise	Right Side - 45° Rod Angle	2" to 5"		1

FLOAT SWITCHES FOR CLOSED TANK

Telemecanique



Build up the switch to meet your exact requirements from the basic switch, float rod, and float groups below. Switch may be assembled in the field to give contacts that open on liquid rise or close on liquid rise. Consult Schneider Electric for use in media with a different specific gravity than water.
Sample part number: Class 9037, Type EG9

Part No.	Switch Feature	Quantity	
		L1	L2
Nema 1 - General Purpose			
9037EG8	Open/Close on Liquid Rise - Minimum Level Change		1
9037EG9	Open/Close on Liquid Rise - Maximum Level Change		1

Contact your sales rep for any further information
Toll Free: 1-800-561-3164
boshart.com

FLOAT SWITCHES FOR OPEN TANK OR SUMP - ADJUSTABLE THROW

Telemecanique



These switches are for open tank or sump applications and they feature an adjustable throw.
Sample part number: Class 9036, Type GG2, Form R

Part No.	Switch Feature	Quantity	
		L1	L2
Nema 1 - General Purpose			
9036GG2	Contacts Close on Liquid Rise	1	
9036GG2R	Contacts Open on Liquid Rise	1	

FLOAT SWITCHES FOR OPEN TANK OR SUMP

Telemecanique



These switches are for open tank or sump applications.
Sample part number: Class 9036, Type DR31

Part No.	Switch Feature	Quantity	
		L1	L2
Temperature Range: -22°F to 220°F (-30°C to 105°C) Nema 1 - General Purpose			
9036DG2	Contacts Close on Liquid Rise	1	
9036DG2R	Contacts Open on Liquid Rise	1	
9036DR31	Contacts Close on Liquid Rise	1	
9036DW31	Contacts Close on Liquid Rise	1	

MECHANICAL ALTERNATORS - CLOSED TANK

Telemecanique



Flange mounted with bushing for control of liquid level within a closed tank. Build up the switch to meet your requirements from the basic switch, rod kit, and float kit groups below. Type C switches are attached to the tank by means of a 2-1/2 in. screw-in bushing. An external pointer indicates the float position within the tank when the unit is mounted. Switches come complete with screw-in connector, stainless steel float and rod.
Sample part number: Class 9038, Type CG, Pressure Code 32

Part No.	Float	Connection	Enclosure Type	Water Level Change	Quantity	
					L1	L2
9038CG31	Right Side	MPT	Nema 1 - General Purpose	6-1/2" to 13"	1	
9038CG32	Left Float	MPT	Nema 1 - General Purpose	6-1/2" to 13"	1	
9038CG36	Left Float	MPT	Nema 1 - General Purpose	4-3/4" to 9-1/4"	1	

MECHANICAL ALTERNATORS - OPEN TANK

Telemecanique



Alternators are designed to provide motor alternation in the operation of two motors.
Sample part number: Class 9038, Type AG1

Part No.	Switch Feature	Enclosure Type	Quantity	
			L1	L2
9038AG1	Float Operated Alternator	Nema 1 - General Purpose		1
9038AG1N5	Float Operated Alternator - High Water Alarm Circuit	Nema 1 - General Purpose		1
9038AW1	Float Operated Alternator	Nema 4 - Watertight		1


TELEMECANIQUE ACCESSORIES

These accessories are for Telemecanique switches.

Part No.	Description	Quantity	
		L1	L2
9998PC242	Contact Kit - 9036D, 9013FYG & 9013FHG Series		1
9998PC241	Contact Kit - 9013FSG Series		1
9998PC208	Diaphragm Assembly - 9013GHG & 9013GSG Series		1
9049T15	Rod and Connector - 9036 Series - 30" Stainless Steel		1
9049T1	Rod and Connector - 9036 Series - 30" Brass		1
9049HF4	316 S.S. Float - 9037H & 9038C Series		1
9049HF3	304 S.S. Float - 9037H & 9038C Series		1
9049ER7	7-1/4" S.S. Rod - 9037EG Series		1
9049ER5	5-1/4" S.S. Rod - 9037EG Series		1
9049ER3	3-1/4" S.S. Rod - 9037EG Series		1
9049ER2	2-1/2" S.S. Rod - 9037EG Series		1
9049ER12	12-1/4" S.S. Rod - 9037EG Series		1
9049ER1	1-3/4" S.S. Rod - 9037EG Series		1
9049EF1	Replacement Float - 9013EG Series - 304 S.S.		1
9049A6CS	Float Kit - 9036 Series - 7" Center hole 304 S.S. Float, 5' S.S. Rod, 2 S.S. Stops		1
9049A6C	Float Kit - 9036 Series - 7" Center hole 304 S.S. Float, 5' Brass Rod, 2 Stops		1
9049A6A	Float Kit - 9036 Series - 7" Tapped at top 304 S.S. Float, 5' Alum Rod, 2 Stops		1
9049A6	Float Kit - 9036 Series - 7" Tapped at top 304 S.S. Float, 5' Brass Rod, 2 Stops		1
1530S6G1	Pulsation Plug		50

PRESSURE SWITCH INDICATOR LIGHT

This pump light can be used with two or three wire motors in either 115 volt or 230 volt applications. It is easy to install at the pressure switch, where it is used to indicate that the pump is running or at the control box, where it is used to indicate that current is available to the submersible pump.

Part No.	Quantity	
	L1	L2
		12

Contact your sales rep for any further information
Toll Free: 1-800-561-3164
boshart.com

AIR SYSTEM SWITCHES

Hubbell

Designed to be the most adaptable switch on the market, the 69J offers the user the flexibility to build the pressure switch around the compressor—not the other way around. The unloader can be mounted on the front or either side, and can be rotated to any of eight different positions allowing for quicker assembly and shorter tubing. Bottom cable entry is also available with unique built-in clamping strain relief for even quicker assembly. With thousands of variations right off the production line, the 69J provides maximum flexibility at minimum cost.



Part No.	Pressure Setting	Differential	Quantity	
			L1	L2
Connection: 1/4" FPT Standard Duty				
69JF6	80-100 PSI	15-25 PSI	56	
69JF7	95-125 PSI	25-33 PSI	56	
69JF8	115-150 PSI	25-38 PSI	56	
69JG6	80-100 PSI	15-25 PSI	56	
69JG7	95-125 PSI	25-33 PSI	56	
69JG8	115-150 PSI	25-38 PSI	56	
Connection: 1/4" FPT Lever				
69JF6L	80-100 PSI	15-25 PSI	24	
69JF7L	95-125 PSI	25-33 PSI	24	
69JF8L	115-150 PSI	25-38 PSI	24	
69JG7L	95-125 PSI	25-33 PSI	24	
69JG8L	115-150 PSI	25-38 PSI	24	
Connection: 1/4" FPT Lever & Unloader Valve				
69JF6LY	80-100 PSI	15-25 PSI	24	
69JF7LY	95-125 PSI	25-33 PSI	24	
69JF8LY	115-150 PSI	25-38 PSI	24	
69JG7LY	95-125 PSI	25-33 PSI	24	
69JG8LY	115-150 PSI	25-38 PSI	24	
Connection: 1/4" FPT Unloader Valve				
69JF6Y	80-100 PSI	15-25 PSI	44	
69JF7Y	95-125 PSI	25-33 PSI	44	
69JF8Y	115-150 PSI	25-38 PSI	44	
69JG6Y	80-100 PSI	15-25 PSI	44	
69JG7Y	95-125 PSI	25-33 PSI	44	
69JG8Y	115-150 PSI	25-38 PSI	44	

HEAVY DUTY AIR SYSTEM SWITCHES

Hubbell

The rugged 69H pressure switch is designed for the demanding requirements of larger, heavy duty commercial compressors (up to 250 psi). Sturdy painted steel case and cover resists the harsh conditions encountered in industrial applications. An unloader valve is also available on the 69H.



Part No.	Pressure Setting	Differential	Quantity	
			L1	L2
Connection: 3/8" FPT Standard Duty				
69HA1Z115150	115-150 PSI	35-60 PSI	22	
69HA2Z100125	100-125 PSI	20-35 PSI	22	
Connection: 3/8" FPT Unloader Valve				
69HAU1Z115150	115-150 PSI	35-60 PSI	22	
69HAU2Z100125	100-125 PSI	20-35 PSI	22	
69HAU3Z3040	30-40 PSI	7-15 PSI	12	
69HBU1Z115150	115-150 PSI	35-60 PSI	22	

Contact your sales rep for any further information

Toll Free: 1-800-561-3164
boshart.com

HEAVY DUTY WATER SYSTEM SWITCHES

Hubbell

These pressure switches provide time tested, reliable control for automatic water systems. The switch is universally accepted for use as original equipment on water well pumps or pumping systems. Its simple design makes it easy to use for professionals and non-professionals alike.



Part No.	Pressure Setting	Quantity	
		L1	L2
Connection: 1/4" FPT Heavy Duty, Nema 3R - Rainproof			
69WB5WZ3050	30-50 PSI		56
69WB5WZ4060	40-60 PSI		56
Connection: 1/4" FPT Heavy Duty, Nema 1 - General Purpose			
69WB2Z37	3-7 PSI		56
69WB3Z510	5-10 PSI		56
69WB5Z3050	30-50 PSI		56
Connection: 1/4" FPT Low Pressure, Nema 1 - General Purpose			
69WECZ3050	30-50 PSI		56
69WFCZ2040	20-40 PSI		56



WATER/AIR SYSTEM SWITCHES

Hubbell

These pressure switches provide time tested, reliable control for automatic water systems. The switch is universally accepted for use as original equipment on water well pumps or pumping systems. Its simple design makes it easy to use for professionals and non-professionals alike.



Part No.	Pressure Setting	Quantity	
		L1	L2
Connection: 1/4" FPT Reverse Action, Nema 1 - General Purpose			
69WR2Z73	7-3 PSI		56
69WR3Z105	10-5 PSI		56
69WR5Z5030	50-30 PSI		56
69WR6Z10075	100-75 PSI		56
69WR7Z12595	125-95 PSI		56
Connection: 1/4" FPT Reverse Action - Auto Off, Nema 1 - General Purpose			
69WR5LZ5030	50-30 PSI		44
Connection: 1/4" FPT Guard-It, Nema 1 - General Purpose			
69WC7Z12	12 PSI		56
Connection: 1/4" FPT Hi-Guard, Nema 1 - General Purpose			
69WH6Z80	80 PSI		56



WATER SYSTEM SWITCHES

Hubbell

These pressure switches answer the professional installer's need for rugged, reliable control with no cutting corners on quality. Built for direct use on all types of pumps up to 5 HP and for use in the control circuit of a magnetic starter for larger pumps. The features of PRO CONTROL make it standard equipment on some of the world's finest pumps.



Part No.	Pressure Setting	Quantity	
		L1	L2
Connection: 1/4" FPT Standard Duty, Nema 1 - General Purpose			
69ES1Z3050	30-50 PSI		44
69ES1Z4060	40-60 PSI		44

PRESSURE SENSORS



These pressure sensors provide a high degree of accuracy for controlling water pressure in constant pressure pumping applications. They help to optimize motor efficiency and reduce the energy consumption of pumps. The response time is <2 ms and the accuracy is +/- 0.3% of measuring range.

• UL & CSA Listed

Temperature Range: 32°F to 176°F (0°C to 80°C)

Part No.	Pressure Range	Quantity	
		L1	L2
Connection: 1/4" MPT, Voltage: 4-20 mA			
90-XMLK100P2D23	0-100 PSI		1
90-XMLK150P2D23	0-150 PSI		1
90-XMLK200P2D23	0-200 PSI		1
90-XMLK300P2D23	0-300 PSI		1
Connection: 1/4" MPT, Voltage: 0-10 V			
90-XMLK150P2D73	0-150 PSI		1

PRESSURE SENSOR CONNECTORS

Connectors for pressure sensors with a M12 connection.

Part No.	Description	Quantity	
		L1	L2
Screw Terminal Connector			
90-XZCC12FCM40B	Elbow		1
Straight Pre-Wired Connector			
90-XZCP1141L2	2 m (6.56')		1
90-XZCP1141L5	5 m (16.4')		1
90-XZCP1141L10	10 m (32.8')		1
Elbow Pre-Wired Connection			
90-XZCP1241L2	2 m (6.56')		1
90-XZCP1241L5	5 m (16.4')		1
90-XZCP1241L10	10 m (32.8')		1

Contact your sales rep for any further information

Toll Free: 1-800-561-3164

boshart.com