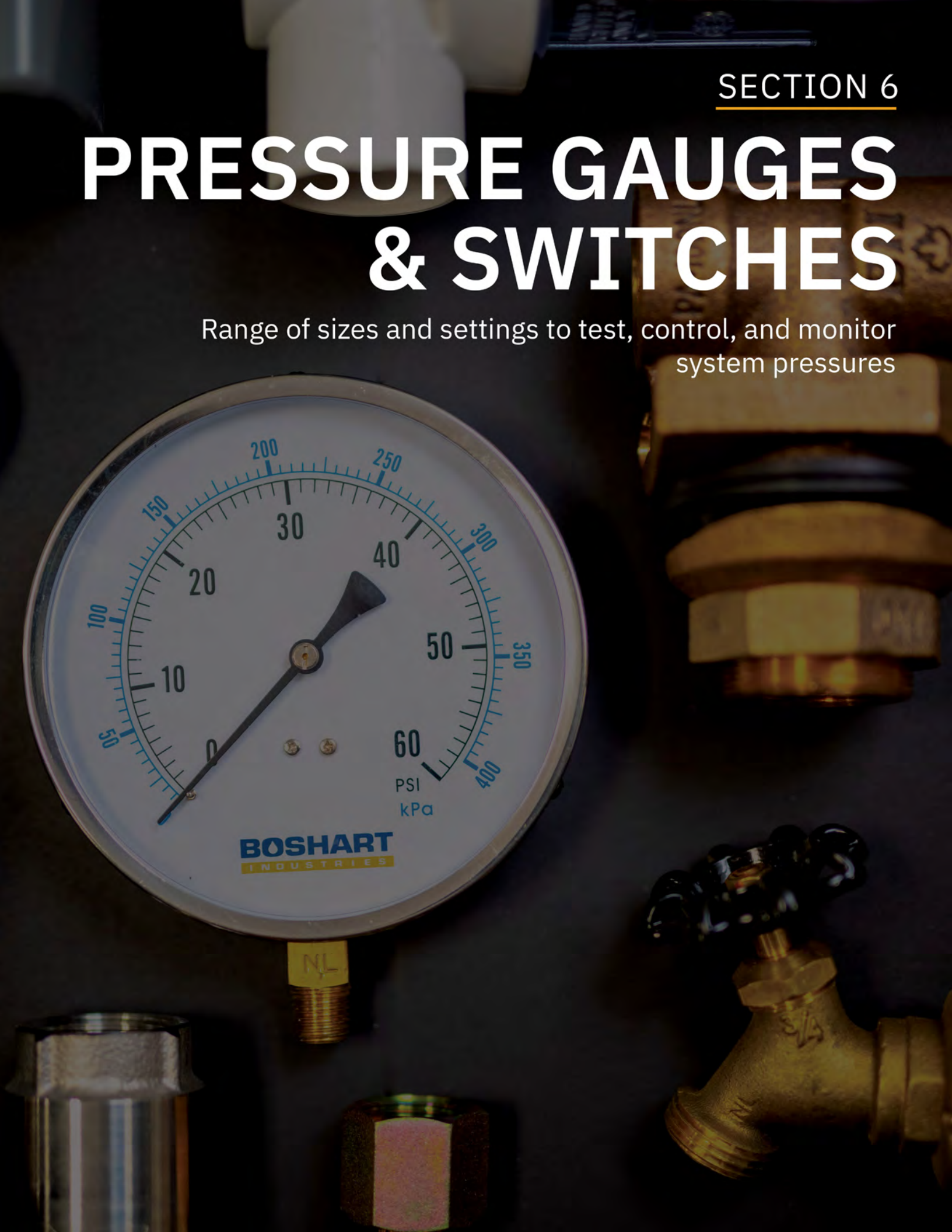
SECTION 6

# PRESSURE GAUGES & SWITCHES

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



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# 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 | Quantity 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 | Quantity 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 | |

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# 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

**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)**

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

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# 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

**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.

| Part No. | | Mount Size | Dial Range PSI | Dial Range kPa | Increments | Quantity L1 | Quantity L2 |
|---|---|---|---|---|---|---|---|
| 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-1000 | No Lead | 1/4" | 0-1000 | 0-7000 | 20.0 PSI | | |
| PGS25CBM-1500 | No Lead | 1/4" | 0-1500 | 0-10000 | 20.0 PSI | | |
| 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-1500-G | No Lead | 1/4" | 0-1500 | 0-10000 | 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
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# 2-1/2" - CENTER BACK MOUNT PRESSURE GAUGES

**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.

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

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

**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)**

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

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

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# 2-1/2" - LOWER MOUNT PRESSURE GAUGES

**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.

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

**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.

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

**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)**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| PGC25-30-0-15 | | 1/4" | 30Hg-0-15 | | | 50 | |

**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.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| PGSC25-30-30 | 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.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 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 | |





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# 2-1/2" - LOWER MOUNT PRESSURE GAUGES

**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.

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

**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)**

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

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# 4" - LOWER MOUNT PRESSURE GAUGES

**Liquid, 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 where vibration or pressure pulsation occurs.

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

**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)**

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

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# PRESSURE GAUGE ACCESSORIES

These accessories are for pressure gauges.

| Part No. | Size | Description | Quantity L1 | Quantity L2 |
|---|---|---|---|---|
| **Snubber** | | | | |
| 2-PGA-BS-D | 1/4" | For heavy oils - Viscosity range: 50 | 100 | |
| 2-PGA-BS-E | 1/4" | For gasoline, water or light oil - Viscosity range 25 | 100 | |
| 2-PGA-BS-G | 1/4" | For air and other gases - Viscosity Range 15 | 100 | |
| **Front Flange** | | | | |
| PG25CBM-FF | | For 2-1/2" dial back mount gauges - 3 holes | 100 | |
| 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 |

# 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 | Quantity 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 | |

# 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 | Quantity 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 | 128 |
| 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 | Quantity 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 | |





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# 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 PSI | Dial Range kPa | Temperature Range | Quantity L1 | Quantity 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 | Quantity 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 | Quantity 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 | Quantity L2 |
|---|---|---|---|---|
| **Connection: Brass, Fill: Red Organic Kerosene** | | | | |
| THW8-A2-280 | Angle | 1/2" | 50 | |
| THW8-S2-280 | Straight | 1/2" | 50 | |

BOSHART INDUSTRIES

# 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 | Quantity 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 | Quantity 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 | | |

BOSHART INDUSTRIES

# 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

NO LEAD <0.25% Pb by weighted avg.

| Part No. | Pressure Setting | Differential | Pack Type | Quantity L1 | Quantity L2 |
|---|---|---|---|---|---|
| **Connection: 1/4" FPT<br>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<br>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<br>Standard Duty, Nema 1 - General Purpose** | | | | | |
| PS02B-3050 | 30-50 PSI | 15-30 PSI | Individual | 20 | |

| | | | | | |
|---|---|---|---|---|---|
| **Connection: 1/4" FPT<br>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<br>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<br>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 | Quantity L2 |
|---|---|---|---|
| PS02-PP | For 1/4" FPT | 10 | 1000 |

BOSHART INDUSTRIES

# 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

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

| Part No. | Pressure Setting | Differential | Pack Type | Quantity L1 | Quantity L2 |
|---|---|---|---|---|---|
| 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 | |





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# SMALL WATER PUMP PRESSURE SWITCHES

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

| Part No. | Pressure Setting | Differential | Pack Type | Quantity L1 | Quantity L2 |
|---|---|---|---|---|---|
| 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 | Quantity L2 |
|---|---|---|---|---|
| **Connection: 1/4" FPT<br>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<br>Standard Duty, Nema 7&9 - Hazardous Location** | | | | |
| 9013GSR2J20 | 20-40 PSI | 20-40 PSI | 1 | |

| | | | | |
|---|---|---|---|---|
| **Connection: 1/4" FPT<br>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 | |





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# 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 | Quantity L2 |
|---|---|---|---|---|---|
| **Connection: 1/4" FPT<br>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 | Quantity L2 |
|---|---|---|---|---|
| **Connection: 1/4" FPT<br>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<br>Contacts Open on Pressure Rise, Nema 1 - General Purpose** | | | | |
| 9013FHG2J27 | OFF-100 PSI | 20 PSI | 1 | |

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

# FLOAT SWITCHES FOR CLOSED TANK - FLOAT AND ROD INCLUDED

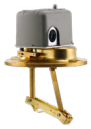
## Telemecanique

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 | Quantity 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 | Quantity 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 | |





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# 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 | Quantity 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 | Quantity 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 | Quantity 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 | Quantity 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 | Quantity L2 |
|---|---|---|---|
| 9998PC242 | Contact Kit - 9036D, 9013FYG & 9013FHG Series | 1 | |
| 9998PC241 | Contact Kit - 9013FSG Series | 1 | |
| 9998PC208 | Diaphragm Assembly - 9013GHG & 9013GSG Series | 1 | |
| 9049T1S | 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 | Quantity L2 |
|---|---|---|
| FSG-PL | 12 | |





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# AIR SYSTEM SWITCHES

## Hubbell

Pb NO LEAD <0.25% Pb by weighted avg.

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 | Quantity 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

Pb NO LEAD <0.25% Pb by weighted avg.

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 | Quantity 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 | |

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# 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.

NO LEAD <0.25% Pb by weighted avg.

| Part No. | Pressure Setting | Quantity L1 | Quantity L2 |
|---|---|---|---|
| **Connection: 1/4" FPT<br>Heavy Duty, Nema 3R - Rainproof** | | | |
| 69WB5WZ3050 | 30-50 PSI | 56 | |
| 69WB5WZ4060 | 40-60 PSI | 56 | |

| | | | |
|---|---|---|---|
| **Connection: 1/4" FPT<br>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<br>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.

NO LEAD <0.25% Pb by weighted avg.

| Part No. | Pressure Setting | Quantity L1 | Quantity L2 |
|---|---|---|---|
| **Connection: 1/4" FPT<br>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<br>Reverse Action - Auto Off, Nema 1 - General Purpose** | | | |
| 69WR5LZ5030 | 50-30 PSI | 44 | |

| | | | |
|---|---|---|---|
| **Connection: 1/4" FPT<br>Guard-It, Nema 1 - General Purpose** | | | |
| 69WC7Z12 | 12 PSI | 56 | |

| | | | |
|---|---|---|---|
| **Connection: 1/4" FPT<br>Hi-Guard, Nema 1 - General Purpose** | | | |
| 69WH6Z80 | 80 PSI | 56 | |

BOSHART INDUSTRIES

# 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.

NO LEAD <0.25% Pb by weighted avg.

| Part No. | Pressure Setting | Quantity L1 | Quantity 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 | Quantity 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 | Quantity 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 | |