



**BLUE RIBBON**

*Quality & Dependability*

# BLUE RIBBON CORP

## Oil & Gas / Process Industries



**Model BR411**  
Process Gauge

*Blue Ribbon Corp high-quality line of products provides the most up-to-date technology to meet the rigorous requirements of the oil & gas industry*



ISO9001:2015 CERTIFIED



ASME.B40.1



# Oil & Gas / Process



## MODEL BR201

### Liquid Filled Gauge

#### FEATURES

- Dial Sizes: 1 1/2", 2", 2 1/2", 4", and 6"
- 1/8", 1/4", and 1/2" (M) NPT
- Dry or liquid filled
- Glycerin fill dampens vibration to help extend the life of the gauge
- Bottom and back connections

#### FIELD OPTIONS

- Single Scale (PSI)
- Front Flange (FF), Back Flange (BF), and U-Clamp (UC) mount
- Alternate fills available



## MODEL BR901

### Forged Brass Case Gauge

#### SPECIFICATIONS

- Dial Sizes: 2 1/2" and 4"
- Forged Brass Case, Brass Socket & Movement
- 1/4" (M) NPT Process Connection
- Accuracy: 1.5%
- IP65 Enclosure
- Meets ASME Standard B40.100

#### APPLICATIONS

- Mining, Hydraulic, Heavy vibration, Non-sparking areas



## MODEL S-1000

### Diaphragm Seal

#### FEATURES

- Rugged, 2-piece bolted construction
- Pressure ranges from 30" Hg vacuum to 2500 PSI
- Exceptional protection in corrosive environments where process ports may be prone to clogging



## MODEL BR101D

### Steel Utility Gauge

#### FEATURES

- Dial Sizes: 1 1/2", 2", 2 1/2", and 4"
- An inexpensive utility gauge for the broad commercial market
- Applications: Air, Water, Oil, Gas or any other media not corrosive or brass
- Bottom or Center Connect 1/8" or 1/4" (M) NPT
- Accuracy: 3-2-3%

#### FIELD OPTIONS

- U-Clamp Mount (UC)
- Front Flange Mount (FF)
- Back Flange Mount (BF)
- Plastic Case



## MODEL BR411

### Process Pressure Gauge

#### SPECIFICATIONS

- Dial Size: 4 1/2"
- Dry or Liquid Fill
- AISI 316 SST Bourdon tube & socket
- Connection Sizes: 1/4" or 1/2" (M) NPT
- Accuracy: 0.5% FS (ASME B40.1, Grade 2A)
- IP65 Enclosure
- Bottom or Back mount
- Vibration Free Movement

#### APPLICATIONS

- Oil & Gas, Chemical processing, Power Stations, Environmental Engineering, Plant Construction Environments



## MODEL S-4000

### Diaphragm Seal

#### FEATURES

- Economical protection of pressure sensing instrumentation
- 30 to 2500 PSI
- Stainless steel diaphragm for small to medium instrumentation where space limitations are a concern

# Gauges, Seals, & Sensors



## MODEL S-7000

### Diaphragm Seal

#### FEATURES

- Various sizing and housing materials available (316SS, Monel, Hastelloy C, Titanium)
- Two-piece construction
- Process Temperature
  - 450 °F (232 °C)
  - 400 °F (204 °C) [Teflon lined]

#### OPTIONS

- Flushing Port/Connection
- Viton and Teflon Gaskets
- Monel, Hastelloy-C Diaphragm



## MODEL BR311

### Industrial Grade Pressure Transducer

#### FEATURES

- Ranges: 0-30" WC thru 0-15K PSI (75 MBAR to 1,034 BAR)
- Outputs: mV/V, Vdc, 4-20 mA
- Rugged, welded, SST construction
- High proof pressure
- Economically priced

#### APPLICATIONS

- Hydraulic & pneumatic controls
- Die casting
- Rolling & steel mills
- Compression skids
- Irrigation pumps pressure
- Oilfield truck pressures



## MODEL BR311 I, GI, AI

### Intrinsically Safe Pressure Transmitter

#### FEATURES

- 0-5 thru 0-75 PSI (75 mBAR to 1,034 BAR)
- FM, CSA, ATEX, & IEC approvals
- Welded, rugged construction
- Optional high overpressure protection

#### APPLICATIONS

- Rig safety systems
- Wellhead control
- Gas pipeline
- Control panels
- Onboard transmission & engine monitoring



## MODEL BR1001/1002/1003

### Low-Cost OEM Pressure Transducer

#### FEATURES

- Low-cost, high reliability
- Up to 0.25% FSO accuracy
- Compact 0.870" diameter
- Rugged, all welded construction
- NEMA - 4X/IP65 rated
- CE Approved: EN 50 081-1

#### APPLICATIONS

- Pneumatic/hydraulic controls
- Pump controls
- Compressor controls
- On-board vehicle
- Industrial OEM
- Automotive



## MODEL BR11X/P SERIES

### Explosion Proof & Zone 2/Div 2 Pressure Transmitter

#### FEATURES

- 0-5 thru 0-75 PSI (75 mBAR to 1,034 BAR)
- FM, CSA, ATEX, & IEC approvals
- Welded, rugged construction
- Optional high overpressure protection
- Available in NACE MR-01-75 compliant wetted parts

#### APPLICATIONS

- Rig safety systems
- Wellhead control
- Gas pipeline
- Control panels
- Onboard transmission & engine monitoring



## MODEL BR411, 411X/P

### Smart Rangeable Hazardous Location Pressure Transmitter

#### FEATURES

- 4-20 mA with digital HART protocol
- 0-15 thru 0-100K PSI (0-1 thru 6,985 BAR)
- 5:1 turndown ratio
- Secondary containment for oil services
- Submersible version
- FM, CSA explosion-proof versions

#### APPLICATIONS

- Offshore rigs & pumping stations
- Oil & gas/chemical pipeline & processing
- Marine & shipboard service
- Submersible level

# QUALITY, DEPENDABILITY AND EXCELLENCE IN SERVICE

## *Blue Ribbon Corp: Navigating Industry Challenges with Precision*

The oil and gas industry continues to face significant challenges, including economic volatility, regulatory shifts, and the urgent need for technological advancements to support decarbonization efforts. Key trends include the push for emissions reduction, the adoption of automation and digital solutions, and maintaining operational efficiency in the face of fluctuating demand and geopolitical tensions.

Blue Ribbon Corp is well-equipped to help the oil and gas sector navigate these challenges with our cutting-edge gauges and sensors. Our products are engineered to deliver precise and dependable measurements, essential for optimizing operations, reducing emissions, and ensuring compliance with environmental regulations. Whether for tracking pressure, temperature, or flow, our solutions provide the real-time data needed to enhance performance and meet industry goals for sustainability.

Our unwavering commitment to “Quality & Dependability” ensures that Blue Ribbon Corp’s products are not only innovative but also robust enough to perform under the harshest conditions typical of oil and gas applications. With a focus on consistency and precision, we support the industry’s shift toward more sustainable and efficient operations, helping companies meet both operational and regulatory demands.

By combining advanced technology with a customer-centric approach, Blue Ribbon Corp remains a trusted partner in the oil and gas industry, providing the essential tools that enable the sector to adapt and thrive in an increasingly regulated and complex global market.

Contact us at 716-773-9300 or via email at [sales@blueribboncorp.com](mailto:sales@blueribboncorp.com) for more information.



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