



**BLUE RIBBON**

# ***BLUE RIBBON CORP***

*Instrumentation for Hydraulic,  
Pneumatic Fluid Power*



**Model BR201**  
**Liquid Filled Gauge**

*Blue Ribbon Corp high-quality line of products  
provides the most up-to-date technology to meet the  
rigorous requirements of fluid power systems*





# Hydraulic, Pneumatic Fluid Power

## MODEL BR201

Liquid Filled Gauge



### FEATURES

- Dial Sizes: 1½", 2", 2½", 4", and 6"
- High quality line of liquid filled gauges, also available dry
- Glycerin fill dampens vibration to help extend the life of the gauge
- Bottom and back connections
- ⅛", ¼", and ½" (M) NPT

### FIELD OPTIONS

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

## MODEL BR1002/1003

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

### FIELD OPTIONS

- Vdc & 4-20 mA output
- Alternate connectors & pressure ports

## MODEL 101D

Steel Utility Gauge



### FEATURES

- Dial Sizes: 1½", 2", 2½", and 4"
- An inexpensive utility gauge for the broad commercial market
- Suitable for air, water, oil, gas or any other media not corrosive or brass
- Available in bottom or center connect ⅛" or ¼" (M) NPT
- Accuracy: 3-2-3%

### FIELD OPTIONS

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

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## DIAPHRAGM SEALS



**S-1000**



**S-3000**



**S-4000**



**S-7000**

### S-1000 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

### S-3000 FEATURES

- Housing: PVC
- Diaphragm: PTFE
- Operating Pressure: Vacuum to 200 PSI
- Instrument Connections: 1/4" NPT
- Process Connection: 1/4" and 1/2" NPT
- Process Temperature: +77 °F to 104 °F

### S-4000 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

### S-7000 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]

For more Diaphragm Seal options, visit ~  
[www.blueribboncorp.com/diaphragm-seals](http://www.blueribboncorp.com/diaphragm-seals)



## MODEL 1102/1103

### Low-Cost Submersible Level Transmitter

#### FEATURES

- Low-cost, high-reliability
- Submersible to 700 ftWC (213.4 meters WC)
- 1" (2.5 cm) diameter
- Up to  $\pm 2.0\%$  accuracy
- All 316L SST construction (optional Titanium)

#### FIELD OPTIONS

- Lightning and surge protection
- Optional sludge screen for viscous media or wastewater applications
- Optional Titanium construction
- Cable lengths >3,000 ft w/optional Tefzel<sup>®</sup> jacketed cable

#### APPLICATIONS

- Wet wells, ponds, rivers and tank level measurements
- Water and wastewater treatment
- Ground water monitoring
- Irrigation



## MODEL BR311

### Industrial Grade Pressure Transducer

#### FEATURES

- Available ranges from 0-30" WC thru 0-15K PSI (75 MBAR to 1,034 BAR)
- Choice of mV/V, Vdc, 4-20 mA and outputs
- Rugged, welded, stainless steel construction
- High proof pressure
- Economically priced

#### APPLICATIONS

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

The Model BR111/211/311 from Blue Ribbon Corp is a family of industrial grade pressure transducers. These strain gauge-based sensors are expressly designed to withstand the shock, vibration and pressure spikes common to most hydraulic and pneumatic control systems. The highly rugged, all-welded stainless steel design of the Model BR111/211/311 offers high corrosion resistance, making the sensors an ideal choice for demanding oil & gas, steelworks, rolling mills and process control applications. Units are further available with optional 10X proof pressure for extended worry-free service life within challenging environments.

# QUALITY, DEPENDABILITY AND EXCELLENCE IN SERVICE

*The earmarks you can expect from  
Blue Ribbon Corp*

Throughout the Americas, Europe, Asia, and the Middle East, growth in the Fluid Power Industry is anticipated to increase anywhere from 1.7 to 4.5% into 2021 based on NFPA forecasts.

Blue Ribbon provides an array of sensors and gauges designed for the rigorous requirements of these fluid power systems with the right gauge to reduce costly downtime or the right transmitter needed for applications where hazardous approvals are a must.

While low oil prices have negatively affected growth in both the hydraulic and pneumatic markets, at the same time, new technologies have and will continue to boost demand.

In a future where Fluid Power is ever changing to meet ever evolving industry demands, Blue Ribbon remains constant in our focus to service our customers' needs to meet those demands.

Please contact us by calling 761-773-9300, or by emailing [sales@blueribboncorp.com](mailto:sales@blueribboncorp.com).



Blue Ribbon Publication #B5SL-003, VOL. I © 2020

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