

Wastewater

Oil/Gas

Commercial/HVAC

Industrial

OEM



*Quality & Dependability*

# BLUE RIBBON CORP

Pressure, Temperature, & Electronics



ISO9001:2015 CERTIFIED



ASME.B40.1

## GAUGES



## SENSORS



## THERMOMETERS





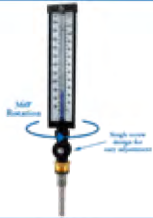
<b>Model</b>	BR101 / BR102	BR201 / BR202	BR251	BR301 / BR302	BR300HP
<b>Dial</b>	1.5", 2", 2.5", 4"	1.5", 2", 2.5", 4", 4.5", 6"	1.5", 2", 2.5", 4", 4.5", 6"	1.5", 2", 2.5", 4", 4.5", 6"	4", 4.5", 6"
<b>Connection</b>	1/8", 1/4", 1/2" NPT	1/8", 1/4", 1/2" NPT	1/8", 1/4", 1/2" NPT	1/8", 1/4", 1/2" NPT	9/16" NPT
<b>Internals</b>	BRASS	BRASS	316 SS	316 SS	316SS
<b>Ranges</b>	30" VAC to 5,000 PSI	30" VAC to 10,000 PSI	30" VAC to 20,000 PSI	30" VAC to 20,000 PSI	20,000 to 50,000 PSI



	BR400/800	BR501	BR601	BR651	BR700 / BR750
<b>Dial</b>	4.5"	2.5", 4", 5"	4.5"	4.5"	2.5", 4"
<b>Connection</b>	1/4", 1/2" NPT	1/4" & 1/2" NPT	1/4" NPT	1/4" NPT	1/4" & 1/2" NPT
<b>Internals</b>	BRASS, 316 SS	BRASS	BRASS	BRASS	316 SS
<b>Ranges</b>	30" VAC to 20,000 PSI	Vacuum to 10 PSI	VAC to 1,000 PSI	VAC to 1,000 PSI	30"-0-150 PSI/F 30"-0-300 PSI/F



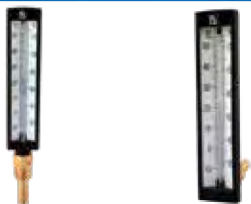
	DIFFERENTIAL	BR901 / BR902	BR901M-20ST	SANITARY	MUD GAUGE
<b>Dial</b>	2.5" & 4"	2.5", 4"	2"	2.5", 4"	4"
<b>Connection</b>	1/4" & 1/2" NPT	1/4" & 1/2" NPT	3/8" Steck-O 90 Durometer Buna N Sealing	1.5" & 2" Tri-Clamp	2" NPT
<b>Internals</b>	316 SS	BRASS	BRASS	316 SS	316 SS
<b>Ranges</b>	VAC - 150 PSI	30" VAC to 15,000 PSI	0 to 9,000 PSI/BAR	30" VAC to 600 PSI	5K PSI to 15K PSI



<b>BR9A</b>	<b>BR9A35-SD</b>	<b>BI-METAL THERMOMETERS BR3/BR3A / BR5/BR5A</b>	<b>BR3AT/BR5AT</b>
9" Aluminum Case Adjustable Angle	High Impact ABS Case Vari-Angle	3", 5"	3", 5"
1 1/4" -18 UNEF	1 1/4" -18 UNEF	1/2" NPT	1/2" NPT
Organic Spirit Fill	Light Powered	304 Case, 316 SS Internal	304 Case, 316 SS Internal
-40 - 300 °F/C	-40 - 320 °F/C	-40 - 1000 °F/C	-40 - 1000 °F/C



<b>THERMOWELLS - INDUSTRIAL</b>	<b>THERMOWELLS - BI-METAL</b>	<b>TRIDICATORS</b>	<b>BRGT</b>	<b>BRGTB</b>
Brass, 304 SS	Brass, 304 SS, 316 SS Other Upon Request	2.5", 3"	2"	2", 2.5"
3/4" NPT	1/4", 1/2"	1/4", 1/2" NPT	3/4" FPT	1/2", 3/4" & 1" FPT
Lagging Available	Lagging Available	BRASS	BRASS	BRASS
Stem Lengths 3.5" / 6"	2.5" - 72"	0-75 PSI 30-250 °F/C	0-15 to 0-160 PSI (1/10# increments - only for 0-15)	0-5, 0-30, 0-60 PSI (0-5 has 1/10 of 1 PSI increments)



<b>5" HOT WATER</b>	<b>2.5" HOT WATER</b>	<b>CLAMP-ON THERMOMETER</b>	<b>BRWT</b>
Straight BR5HW-S Angle BR5HW-A	BRHW BRHW-SW	2.5" Aluminum Dial	2"
1/2" NPT	1/2" NPT • 3/4" Solder	Spring Tension	Hose Bib
Valox Case / Separable Brass Well Included	Aluminum Case / Brass Stem w/Well	BRASS	BRASS
-40 - 110 °F/C   30-240 °F/C	30-2500 °F/C	30-250 °F/C	0-15 to 0-300 PSI



<b>Model</b>	<b>BR-D Series 1000</b>	<b>PVC Seal Series 3000</b>	<b>Model M35 Series 5000</b>	<b>Flanged Seal Series 7000</b>
	Bolted Design	PVC Construction	One Piece Design	1", 1½", 2" Standard 150# RF, 300# RF
<b>Connection</b>	1/4"-1" Process 1/4", 1/2" Instrument	1/4" Process 1/4" & 1/2" Instrument	1/4", 1/2" Process 1/4", 1/2" Instrument	Welded Flanged Diaphragm Seal
<b>Diaphragm Material</b>	Standard SS Others Available	PVC / PTFE	Stainless Steel	Stainless Steel Viton, Buna
<b>Ranges</b>	30" VAC - 2500 PSI	30" VAC - 200 PSI	30 - 2500 PSI	30" VAC - 2500 PSI



<b>Model</b>	<b>ISO-Ring</b>	<b>BR700</b>
	Stainless Steel Other Available	2½" Gauge w/PVC Seal
<b>Connection</b>	Wafer Style	1/4", 1/2" FNPT
<b>Diaphragm Material</b>	Buna, Viton	PTFE / Viton
<b>Ranges</b>	Buna, Viton	15 - 400 PSI

## ACCESSORIES



<b>BD100 - Pump Controller</b>	<b>BD300 - Pump Controller</b>
<ul style="list-style-type: none"> <li>Control ON-OFF for two pumps</li> <li>Front-panel programming</li> <li>Analog output for runtimes</li> <li>Secure menu for all other preset values</li> <li>24 VDC power</li> <li>Accepts 4-20 mA or 1-5 VDC</li> <li>Non-volatile memory, no batteries</li> <li>Alternation of pumps set as default</li> <li>Set points continuously displayed, along with current level readings.</li> </ul>	<ul style="list-style-type: none"> <li>Multi-Pump Alternation Control</li> <li>0-20 mA, 4-20 mA, 0-5 V, 1-5 V, and ± 10V Inputs</li> <li>NEMA 4X, IP65 Front</li> <li>Programmable Display &amp; Function Keys</li> <li>Standard 1/8 DIN (445 mm x 92 mm)</li> <li>Modbus® RTU Communication Protocol Standard</li> </ul>
<b>Features</b>	
<b>Options</b>	<ul style="list-style-type: none"> <li>4 Relays + Isolated 4-20mA Output</li> <li>External 4-Relay &amp; Digital I/O Expansion Modules</li> <li>USB, RS-232, RS-485 Serial Communication</li> </ul>

<b>Siphons</b>	<b>BR-CT12 Cooling Tower</b>
	<ul style="list-style-type: none"> <li>Overall size (W x H x D): 5" x 3" x 4"</li> <li>IP66 Rated Enclosure</li> <li>Corrosive resistant VALOX® construction</li> <li>ASTM-D-48 up to +280 °F heat deflection temperature</li> <li>Four holes for surface mounting</li> <li>Maintenance-free Hydrophobic filter</li> <li>Two cord grips accommodate 0.23" to 0.47" cables</li> <li>Finger safe, 3-pole terminal strip</li> </ul>
	<b>BCJ-4000</b>



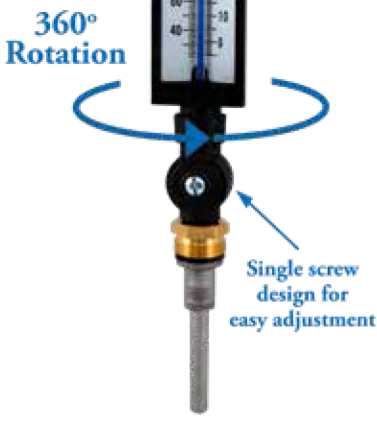
# TRANSMITTERS



	BIRDCAGE	BR313L	BR313F	BR313G	BR1113
<b>Features/Applications</b>	<ul style="list-style-type: none"> <li>• 3" diameter diaphragm resists clogging</li> <li>• Protective baffle plate</li> <li>• Ship in 1-3 days</li> <li>• Lightning surge protection</li> <li>• Corrosion resistant SST</li> <li>• Designed for lift station level monitoring</li> </ul>	<ul style="list-style-type: none"> <li>• Up to <math>\pm 0.10\%</math> FSO</li> <li>• 0.875" Diameter</li> <li>• Case rated to 900 ft</li> <li>• Lightning suppression</li> <li>• Hytrel jacketed cable</li> <li>• Wet wells, ponds, and tank level measurements</li> <li>• Water treatment</li> </ul>	<ul style="list-style-type: none"> <li>• 1" Flush ceramic diaphragm</li> <li>• 0 to 3 thru 0 to 300 PSI</li> <li>• Corrosion resistant, leak-proof construction</li> <li>• Lift station level monitoring</li> <li>• Water and wastewater level monitoring</li> </ul>	<ul style="list-style-type: none"> <li>• Chemically resistant PVDF construction</li> <li>• Bullet nose w/ceramic sensing element</li> <li>• 0 to 3 thru 0 to 700 PSI</li> <li>• Water and wastewater level monitoring</li> <li>• Other aggressive media</li> </ul>	<ul style="list-style-type: none"> <li>• Removeable SS sludge nose</li> <li>• Submersible to 650' WC</li> <li>• 1.06" (27mm) diameter</li> <li>• Up to <math>\pm 0.1\%</math> FSO accuracy</li> <li>• All stainless steel construction</li> <li>• Ground water monitoring</li> <li>• Irrigation</li> </ul>
<b>Options*</b>	<ul style="list-style-type: none"> <li>• FM/CSA Approval</li> <li>• Temperature Output</li> <li>• Lifetime surge warranty</li> </ul>	<ul style="list-style-type: none"> <li>• Titanium construction</li> <li>• Hytrel or Tefzel® cable</li> <li>• RS242 output to SDI-12</li> </ul>	<ul style="list-style-type: none"> <li>• Additional lengths, Tefzel® or Hytrel cable</li> <li>• Titanium housing</li> </ul>	<ul style="list-style-type: none"> <li>• Additional cable lengths</li> </ul>	<ul style="list-style-type: none"> <li>• 0-5, 0-10, and 1-5 Vdc output</li> <li>• Additional Cable lengths available</li> <li>• Stand-off PVC nose cone</li> </ul>
<b>Ranges</b>	0-1 thru 0-500 PSI	0-20" WC thru 300 PSI	0-3 PSI thru 300 PSI	0-3 PSI thru 700 PSI	0-12 ft WC thru 0-72 ft WC
<b>Accuracy</b>	$\pm 0.5\%$ , $\pm 0.20\%$	$\pm 0.5\%$ , $\pm 0.2\%$ , $\pm 0.1\%$	$\pm 0.5\%$ , $\pm 0.20\%$	$\pm 0.5\%$ , $\pm 0.25\%$	$\pm 0.5\%$ , $\pm 0.25\%$
<b>Output</b>	4-20 mA or 0-5 Vdc	4-20 mA, SDI-12	4-20 mA	4-20 mA	(1112) 0 to 5 Vdc (1113) 4-20 mA
<b>Process Port</b>	3" SST Diaphragm	AS43905E4 (M) w/PVC bullet nose	Flush Ceramic	Flush Ceramic	PVC Bullet Nose
<b>Electrical</b>	Hytrel jacketed, 4-conductor, vent tube & hydrophobic filter	Hytrel jacketed, 4-conductor, vent tube & hydrophobic filter	Hytrel jacketed, 4-conductor, vent tube & hydrophobic filter	Teflon jacketed cable w/integrated vent tube & hydrophobic filter	½" NPT (M) conduit w/8' Hytrel jacketed cable
<b>Materials</b>	316 SST	316L SST	316L SST Wetted: Ceramic Al2O3	Poly vinyl chloride Wetted: Ceramic Al2O3	316 SST



	BR313AI	BR313R	BR1001/1002/1003	BR240/340	BR311
<b>Features/Applications</b>	<ul style="list-style-type: none"> <li>• ATEX &amp; IEC Intrinsically Safe</li> <li>• Submersible to 700 FTWC (213.4 meters WC)</li> <li>• 1" diameter</li> <li>• Lightning suppression standard</li> <li>• Wet wells, ponds, rivers &amp; tank level</li> <li>• Water Treatment</li> <li>• Ground water monitoring</li> <li>• Irrigation</li> </ul>	<ul style="list-style-type: none"> <li>• Slim 0.622" (15.8mm) diameter housing</li> <li>• Rugged, welded, leak-proof SST construction</li> <li>• Silicon sensor technology</li> <li>• Lightning suppression</li> <li>• Hydrophobic breather filter</li> <li>• CE certified</li> <li>• Sewage lift &amp; pump stations</li> <li>• Deep well &amp; borehole</li> <li>• Groundwater monitoring</li> </ul>	<ul style="list-style-type: none"> <li>• Low-cost, high reliability</li> <li>• 0.870" diameter design</li> <li>• Compact rugged design</li> <li>• 4 oz. weight</li> <li>• Industrial OEM</li> <li>• Pneumatic/hydraulic controls</li> <li>• Pump controls</li> </ul>	<ul style="list-style-type: none"> <li>• Compact design for easy installation</li> <li>• All stainless steel welded construction</li> <li>• ATEX &amp; IEC approvals</li> <li>• Improved accuracy and thermally compensated</li> <li>• Pneumatic/hydraulic controls</li> <li>• Pump controls</li> </ul>	<ul style="list-style-type: none"> <li>• Available ranges from 0-30" WC thru 0-15K PSI</li> <li>• Rugged, welded, stainless steel</li> <li>• Economically priced</li> <li>• Pneumatic/hydraulic controls</li> <li>• Irrigation pumps pressure</li> <li>• Compression controls</li> </ul>
<b>Options</b>	<ul style="list-style-type: none"> <li>• Additional cable lengths</li> </ul>	<ul style="list-style-type: none"> <li>• Additional cable lengths</li> </ul>	<ul style="list-style-type: none"> <li>• Comprehensive selection of process and electrical connections</li> </ul>	<ul style="list-style-type: none"> <li>• Comprehensive selection of process and electrical connections</li> <li>• ATEX &amp; IEC Intrinsically Safe</li> </ul>	<ul style="list-style-type: none"> <li>• Zero and span adjustments</li> <li>• Alternate connectors and pressure ports</li> <li>• ATEX &amp; IEC Intrinsically Safe</li> </ul>
<b>Ranges</b>	0-2 thru 0-300 PSI 0-4 FTWC thru 0-700 FTWC	0-40" WC thru 285 PSI	0-15 thru 0-10K PSI G, V, A	0 to 1 thru 0 to 30K PSI (PSIG, PSIS, PSIA, PSIV)	0 to 30" WC thru 0 to 15K PSI (PSIG, PSIS, PSIA, PSIV)
<b>Accuracy</b>	$\pm 0.5\%$ , $\pm 0.2\%$ FSO	$\pm 0.5\%$ , $\pm 0.25\%$ FSO	$\pm 0.5\%$ or $\pm 0.25\%$	$\pm 0.25\%$ FSO, $\pm 0.15\%$	$\pm 0.5\%$ , $\pm 0.2\%$ , $\pm 0.1\%$ FSO
<b>Output</b>	4-20 mA	4-20 mA, 0 to 5 Vdc, & 1-5 Vdc	4-20 mA or 0-5 Vdc	4-20 mA and 0-5 Vdc	mV/V, 4-20 mA, 0-5 Vdc
<b>Process Port</b>	AS43905E4 (M) w/PVC bullet nose	Stainless Steel Bullet Nose	1/4" NPT (M)	½" NPT (M), options available	½" NPT (F), options available
<b>Electrical</b>	1/2" NPT (M) conduit 8' of 18 AWG, 4 conductor, shielded Hytrel jacketed cable	40' Polyurethane jacketed cable w/ integrated vent tube & hydrophobic filter	DIN 43650 Form C	½" NPT M conduit w/6' multi-conductor cable	36" long PVC jacketed cable, 4-conductor
<b>Materials</b>	316L SST	316 SST	17-4 PH & 316 SST	Housing: 316 SST Wetted: 316L SST, 17-4 PH SST	316 SST



**BLUE RIBBON CORP.**  
 2770 Long Road  
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Return Service Requested

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