



BLUE RIBBON CORP.

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SUBMERSIBLE LEVEL TRANSMITTER MODEL BR1103-Y481

APPLICATIONS:

- Level and Depth
- Water and Wastewater Treatment
- Irrigation
- Groundwater Testing

FEATURES:

- Enhanced Internal Surge and Lightning Protection
- High Accuracy, High Reliability
- 0.5% FSO standard accuracy, 0.25% typical
- Small Size - 1" diameter, Lightweight
- Rugged, all welded construction
- 1/2" NPT Conduit Thread Standard
- Operating Temperature 0°F to +180°F
- 40 Ft. of Polyurethane jacket with breather tube
- Removable Sludge Screen

PRESSURE RANGES:

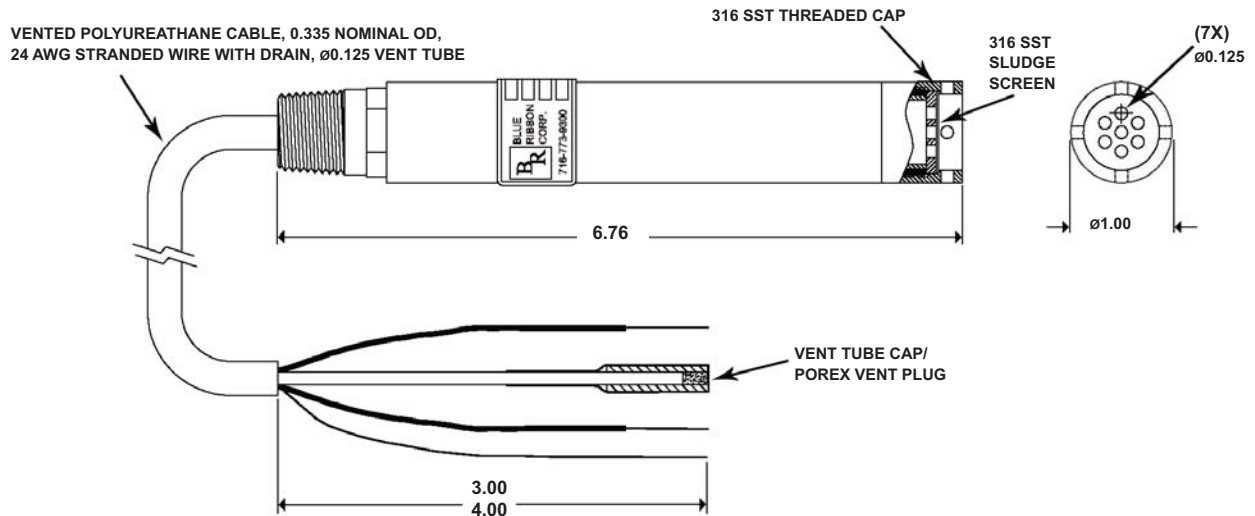
- 0-3 PSI to 0-500 PSI (See ordering guide)

OPTIONAL LIFE-TIME SURGE WARRANTY



WIRING CODE

	1103
RED	+ EXC./SIGNAL
BLACK	- EXC./SIGNAL
DRN	CASE GROUND



Blue Ribbon reserves the right to make product improvements and amendments to the product specifications stated throughout this brochure without prior notification. Please contact the factory on all critical dimensions and specifications for verification.



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Standard Specifications listed below. Consult factory for further options, which may change the overall dimensions.

Accuracy	(Non-linearity, hysteresis, non-repeatability) 0.5% (BFSL)
Pressure Ranges	Model 1103 0-3 PSI to 0-500 PSI
Pressure Cavity Material	316 Stainless Steel
Resolution	Infinite (Practical = 0.06% FSO)
Temperature Limits	Compensated 0°F to 180°F Operating -40°F to 180°F Storage -40°F to 250°F
Temperature Compensation	Zero ±2.0% FSO/100°F Span ±2.0% FSO/100°F
Electrical	(Model 1103) Excitation 9.0 - 36 Vdc Output at 70°F 4-20 mA ±2% FSO
Standard Connections	Pressure Sludge Screen Electrical Cable Molded polyurethane jacket, Multi-conductor with breather tube
Mechanicals	Response Time 5 ms Proof Pressure 1.5 X Full Scale Output Burst Pressure 3 X Full Scale Output

ORDERING GUIDE:

Example: BR1103PN040-Y481

MODEL	PRESSURE RANGE	CABLE LENGTH
•	•	•

MODELS

BR1103 4-20 mA

PRESSURE RANGE (PSI)

PG 0-3
 PJ 0-5
 PN 0-10
 PP 0-15
 PT 0-30
 PV 0-50
 PX 0-75
 PZ 0-100
 RB 0-150
 RD 0-200
 RE 0-250

CABLE LENGTH (IN FEET)

EXAMPLE:

040 = 40 FT Long (Standard)
 060 = 60 FT Long
 125 = 125 FT Long