



## **BGN Application Guide**

General Information																								
Contact Name:  Company Name:  Phone:					Date: Part Number: Calibrated Range:																			
												Email:						Number of Pieces Required:						
												Quote Number (if already quoted):					This has not been quoted yet and pricing is required.							
<u>Design Conditions</u>																								
Accurate design pressure and temperature are essential to ensure the flowmeter will be built to operate without damage. Please fill out accurately and completely.					1. Pressure: Maximum PSIG																			
					2. Temperature: Maximum °F																			
Calibration Conditions for Liq	uid Flow App	olications			<u>Calibr</u>	ration Co	nditions	for Gas I	Flow App	lications	<u> </u>													
1. Type of Liquid:					1. Type of Gas:																			
2. Normal Operating Temperature: °F					2. Normal Operating Temperature: °F																			
3. Viscosity at Normal Operating Temperature:					3. Normal Pressure at Outlet Fitting: PSIG																			
4. Specific Gravity (at Normal Operating Temp):					4. Viscosity at Normal Operating Temp:																			
5. Desired Measuring Range and Units:					5. Specific Gravity (required for gas mixtures):																			
Note: Items 3 & 4 not required for water flow					6. Desired Measuring Range and Units:																			
Note: Item 5 is subject to sizing	program and	ranges or	n datashe	et.		The calib sees at it			quired is th	ne pressu	ure that the													
Measuring Tube Options																								
Measuring Tube Material:	316 Sta	316 Stainless Steel PTF			ined Sta	inless Ste	eel	Hastelloy C-22																
	Other (s	specify):																						
2. Desired Fitting Size:	1/2"	3/4"	1"	1-	-1/2"	2"	3"	4"	5"	6"														
3. Fitting Type:	NPT Thread (2" max) 150			150 LB	ANSI FI	lange	300 L	300 LB ANSI Flange																
	Other (s	Other (specify):																						
4. Heating/Cooling Jacket:	None		1/2" NP	T Conne	ctions		1/2" 1	1/2" 150 lb. ANSI Connections																

Other Connections (specify): \_

5. Damping/Spring Stop: without with Flow Restrictor for Gas Monitoring with Liquid Damping

with Gas Damping with Spring Stop with Gas Damping and Spring Stop

6. Draining Body: without with Self Draining Body

7. Certificates: without Cert. Cert. of Compliance 2.1 Test Report 2.2

Inspection Cert. with Material Cert. 3.1 Inspection Cert. with Material Cert. 3.2

## **Indicator/Electronic Options**

1. Display Housing: Aluminum High Temperature Aluminum (660 °F) Stainless Steel

High Temperature Stainless Steel (660 °F)

Aluminum with Pressure Compenstation

High Temperature Aluminum with Pressure Compensation

2. Scale: % Scale Water Measuring Range Water % Scale Media

Measuring Range Media Dual Scale (specify): \_\_\_\_\_

3. Electrical Output: without 1x Inductive Switch 2x Inductive Switches 1x Micro-switch

2x Micro-switches 4-20mA Transmitter with HART®

4-20mA Transmitter with HART® & 2x NAMUR Switches

4-20mA Transmitter with HART® & 1x NAMUR Switch & Pulse Output

4-20mA Transmitter with Profibus® PA

4-20mA Transmitter with HART® & Digital Totalizer

4-20mA Transmitter with Fieldbus® Foundation™

## **Special Requirements or Additional Considerations:**